

300 E. Mineral Ave., Suite 10 Littleton, CO 80122-2631 303/781-8211 303/781-1167 Fax

July 12, 2006

Fluid Minerals Group Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc. LCU 6-3H: 1,654' FNL & 2,442' FWL, SE/4 NW/4, Section 3, T11S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM mineral fee surface vertical well. A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton
Don Hamilton
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining Carla Christian, Dominion Ken Secrest, Dominion RECEIVED
JUL 1 7 2006

DIV. OF OIL, GAS & MINING
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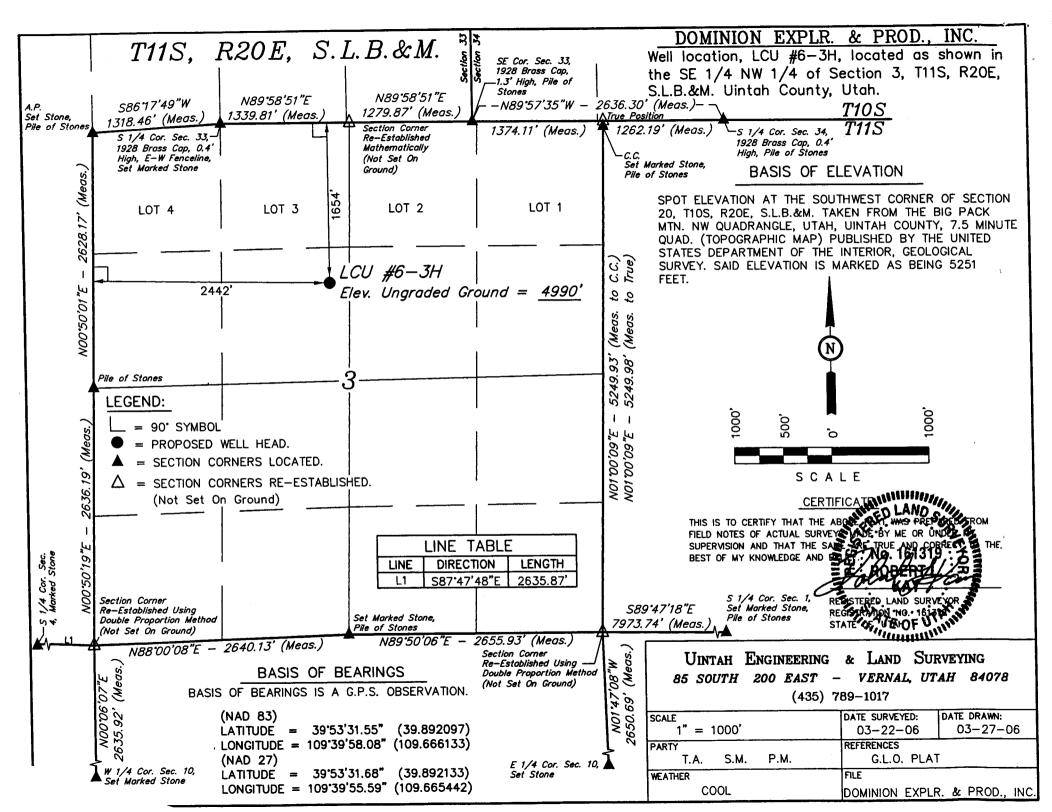
CONFIDENTIAL

Form 3160 -3 (February 2005)			OMB No	APPROVED b. 1004-0137 Aerch 31, 2007
UNITED STATES DEPARTMENT OF THE I BUREAU OF LAND MAN	NTERIOR		5. Lease Serial No. UTU-44090-A	
APPLICATION FOR PERMIT TO		!	6. If Indian, Allotee N/A	or Tribe Name
la. Type of work: DRILL REENTE	ER .		7 If Unit or CA Agro Little Canyon	ement, Name and No. Unit
lb. Type of Well: Oil Well Gas Well Other	Single Zone Multip	ole Zone	8. Lease Name and LCU 6-3H	Well No.
2. Name of Operator  Dominion Exploration & Production, In				7-38380
3a. Address 14000 Quall Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (inchide area code) 405-749-5263		10. Field and Pool, or a sundesignated	Exploratory  Hill Creek
4. Location of Well (Report location clearly and in accordance with an At surface 6'4112 X 1,654' FNL & 2,442' FWL, SE/4 NV At proposed prod. zone 1,654' FNL & 2,442' FWL, SE/4 NV	V14, 44164124-109,1016	5318	11. Sec., T. R. M. or B Section 3, T11	lk. and Survey or Area S, R20E, SLB&M
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13, State
13.57 miles south of Ouray, Utah			Uintah	UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 974'	16. No. of acres in lease 309.26 acres	40 ac		rdi
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  1,550'	19. Proposed Depth 8,700'	WY 3		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4,975' GR	22 Approximate date work will star 10/01/2006	rt*	23 Estimated duration 14 days	n
	24. Attachments			
The following, completed in accordance with the requirements of Onshor  1. Well plat certified by a registered surveyor.  2. A Drilling Plan.  3. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).	Bond to cover the learn 20 above).  Lands, the    S. Operator certification	he operation	ns unless covered by an	existing bond on file (see
25. Signature Don Hamilton	Name (Printed Typed) Don Hamilton			Dute 07/12/2006
Approved by (Sympary)	Name (Printed/Typed)			Date
Diodesta	BRADLEY	G. HII		12-11-04
Application approval does not warrant or certify that the applicant hold	Official VIRONMENTAL			ntitle the applicant to
conduct operations thereon.  Conditions of approval, if any, are attached.			y	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a cr States any false, fictitious or fraudulent statements or representations as t	ime for any person knowingly and vo any matter within its jurisdiction.	villfully to n	nake to any department o	r agency of the United

\*(Instructions on page 2)

CONFIDENTIAL

\*Federal Approval of this Action is Necessary



### **DRILLING PLAN**

### APPROVAL OF OPERATIONS

### **Attachment for Permit to Drill**

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

LCU 6-3H

1654' FNL & 2442' FWL

Section 3-11S-20E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

### 2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,305'
Green River Tongue	3,635'
Wasatch	3,775'
Chapita Wells	4,650'
Uteland Buttes	5,725'
Mesaverde	6,495'

# 3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS</u>

<b>Formation</b>	<u>Depth</u>	Type
Wasatch Tongue	3,305°	Oil
Green River Tongue	3,635'	Oil
Wasatch	3,775'	Gas
Chapita Wells	4,650'	Gas
Uteland Buttes	5,725'	Gas
Mesaverde	6,495'	Gas

### 4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	Size	Weight	<u>Grade</u>	Conn.	Top	Bottom	<u>Hole</u>
Surface Production		32.0 PP-	J-55 MAV-80	STC LTC	0' 0'	2,000° 8,700°	12-1/4" 7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'.

Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

# 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized.

Production hole: Prior to drilling out the surface casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

#### DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	Mud Weight (ppg)	Mud System
0' - 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' - 8,700'	8.6	Fresh water/2% KCL/KCL mud system

### BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

### TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

# 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

### DRILLING PLAN

### APPROVAL OF OPERATIONS

### CEMENT SYSTEMS

- Surface Cement:
  - Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation
  - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
  - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 8 centralizers.
  - Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

				HOIC	Centent
Sacks	Interval	<b>Density</b>	Yield	<u>Volume</u>	<u>Volume</u>
219	0'-1,500'	11.0 ppg	3.82 CFS	619 CF	836 CF
236	1,500'-2,000'	15.6 ppg	1.18 CFS	206 CF	279 CF
100	0'-200'	15.6 ppg	1.18 CFS	87 CF	118 CF
	236	219 0'-1,500' 236 1,500'-2,000'	219 0'-1,500' 11.0 ppg 236 1,500'-2,000' 15.6 ppg	219 0'-1,500' 11.0 ppg 3.82 CFS 236 1,500'-2,000' 15.6 ppg 1.18 CFS	Sacks         Interval         Density         Yield         Volume           219         0'-1,500'         11.0 ppg         3.82 CFS         619 CF           236         1,500'-2,000'         15.6 ppg         1.18 CFS         206 CF

Surface design volumes based on 35% excess of gauge hole.

Lead Mix:

Halliburton Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.

Slurry yield:

Slurry weight: 3.82 cf/sack

11.00 #/gal.

Water requirement:

22.95 gal/sack

Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water. 15.60 #/gal.

Slurry weight:

Slurry yield:

1.18 cf/sack

5.2 gal/sack

Top Out:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

Slurry yield:

Water requirement:

1.18 cf/sack

Slurry weight: 15.60 #/gal.

Water requirement: 5.2 gal/sack

- c. Production Casing Cement:
  - Drill 7-7/8" hole to 8,700'+, run and cement 5 1/2".
  - Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
  - Displace with 2% KCL.
  - Production casing to be centralized with 30 centralizers.

					<u>Hole</u>	<u>Cement</u>
<u>Type</u>	Sacks	Interval	Density	Yield	<u>Volume</u>	<u>Volume</u>
Lead	90	2.975'-3.775'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	080	3 775'-8 700'	13.0 nng	1.75 CFS	853 CF	1707 CF

Production design volumes are estimates based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch + 15% excess.

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield:

3.12 cf/sack

Slurry weight:

 $11.60 \, \#/gal.$ 

Water requirement: Compressives @ 130°F: 157 psi after 24 hours

17.71 gal/sack

Tail Mix:

Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield:

1.75 cf/sack Slurry weight: 13.00 #/gal.

9.09 gal/sack Water requirement:

Compressives (a) 165°F: 905 psi after 24 hours

# 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date:

October 1, 2006

Duration:

14 Days

### SURFACE USE PLAN

### CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator:

**Dominion Exploration & Production** 

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

LCU 6-3H

1654' FNL & 2442' FWL

Section 3-11S-20E Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

Fee Surface use is needed prior to initiating any construction activity.

The BLM onsite inspection for the referenced well was conducted on Thursday, May 4, 2006 at approximately 10:15 am. In attendance at the onsite inspection were the following individuals:

Karl Wright

Nat. Res. Prot. Spec.

Bureau of Land Management - Vernal

Brandon McDonald

Wildlife Biologist

Bureau of Land Management - Vernal

Ken Secrest

Field Foreman

Dominion E & P, Inc.

Brandon Bowthorpe

Surveyor

**Uintah Engineering & Land Surveying** 

Billy McClure

Foreman

LaRose Construction

Randy Jackson

Foreman

**Jackson Construction** 

Don Hamilton

Agent

Buys & Associates, Inc.

#### **Existing Roads:** 1.

- The proposed well site is located approximately 13.57 miles south of Ouray, UT. a.
- Directions to the proposed well site have been attached at the end of Exhibit B. b.
- The use of roads under State and County Road Department maintenance are necessary to Ç. access the Little Canyon Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- All existing roads will be maintained and kept in good repair during all phases of operation. d.
- Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate e. with road and weather conditions.
- Since no improvements are anticipated to any State, County, Tribal or BLM access roads no f. topsoil striping will occur.
- An off-lease federal right-of-way is not anticipated for the access road or utility corridor g. since both are located within the existing Little Canyon Unit boundary.

### 2. Planned Access Roads:

- a. From the existing LCU 3-3H access road an access is proposed trending northwest approximately 120 ' to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across BLM lands.
- d. BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project.
- f. No turnouts are proposed since the access road is only 120 ' long and adequate site distance exists in all directions.
- g. No low water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards</u> for Oil and Gas Exploration and Development, (1989).
- 1. The operator will be responsible for all maintenance of the access road including drainage structures.

### Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

### 4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown or Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the southeast side of the well site and traverse 183' southeast to the existing LCU 3-3H pipeline corridor.
- i. The new gas pipeline will be an 8" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 183' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

### 5. Location and Type of Water Supply:

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

### 6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

### 7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- The reserve pit will be located outboard of the location and along the southwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.

- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed
  of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

### 8. Ancillary Facilities:

 Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

### 9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the southeast.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- 1. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

### 10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim

reclamation and the pit area will be backfilled and re-contoured.

b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:

1. Crested Wheat Grass

(6 lbs / acre)

2. Needle and Thread Grass

(3 lbs / acre)

3. Rice Grass

(3 lbs / acre)

- c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

### 11. Surface and Mineral Ownership:

- a. Surface Ownership Fee surface; owned by: Alameda Corp. 13.67%, O.S. Wyatt Jr. 86.33 James
   R. Eltzroth P.O. Box 270780, Corpus Christi TX 78471. The landowner contact is Tom Jenkins who can be reached at 435-828-4158.
- b. Mineral Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

#### 12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No drainage crossings that require additional State or Federal approval are being crossed.
  - c. The dry wash will be reinforced to reduce erosion around the pad corners.

### 13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

### Certification:

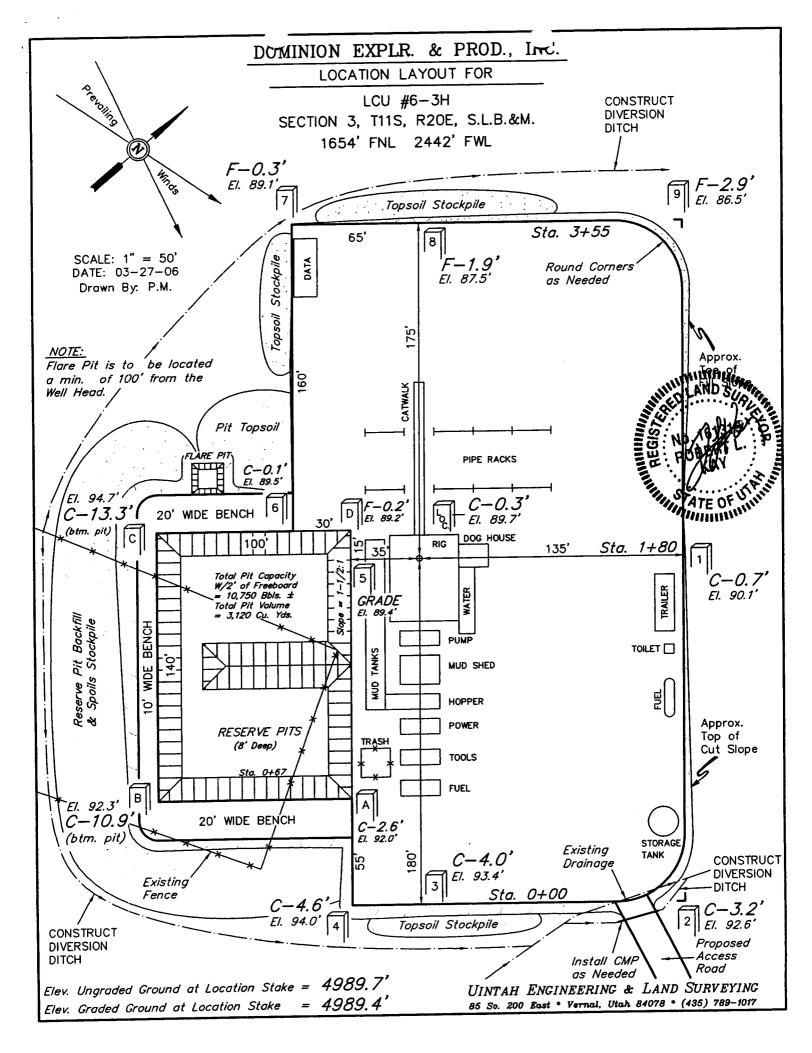
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

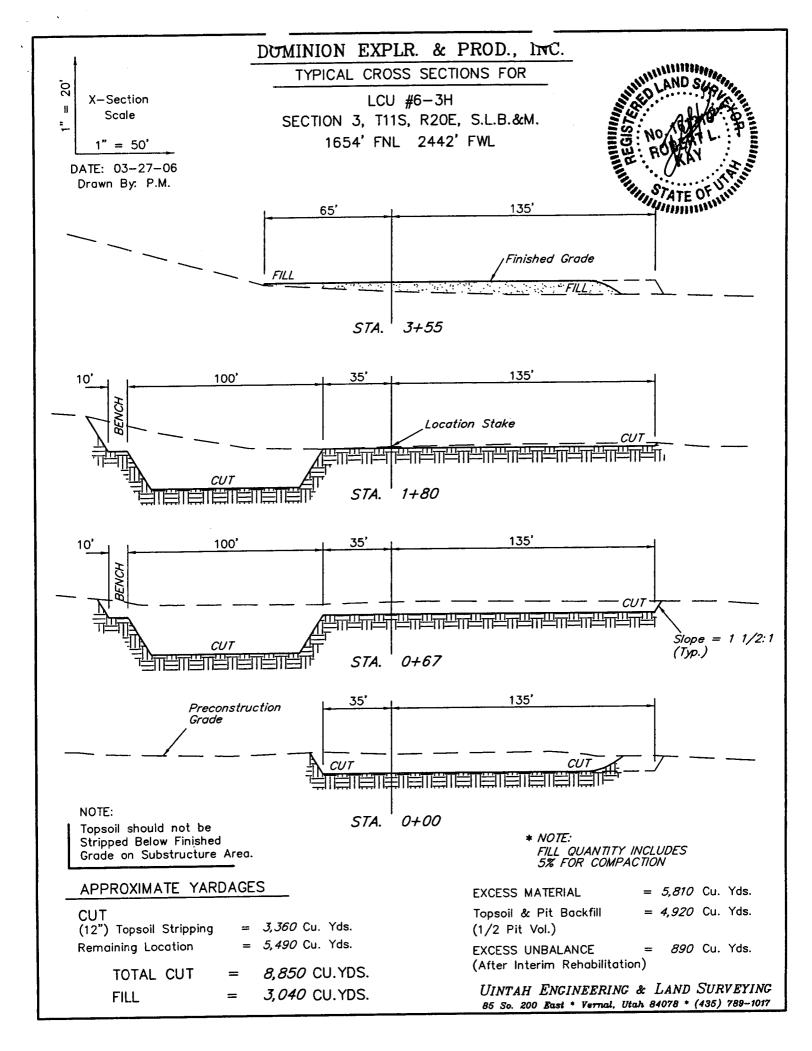
Signature: Don Hamilton Date: 7-12-06

# DOMINION EXPLR. & PROD., INC. LCU #6-3H SECTION 3, T11S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.45 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TWO-TRACK ROAD TO THE NORTHWEST; PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 120' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.2 MILES.





# DOMINION EXPLR. & PROD., INC.

LCU #6-3H LOCATED IN UINTAH COUNTY, UTAH **SECTION 3, T11S, R20E, S.L.B.&M.** 

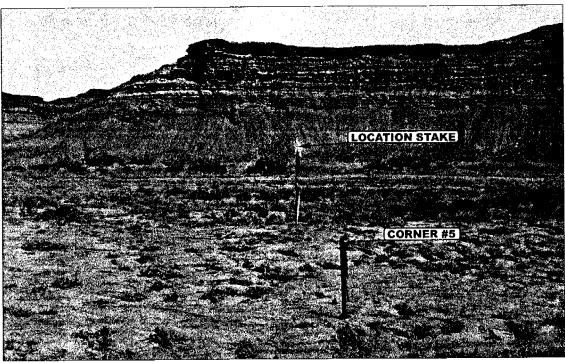


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

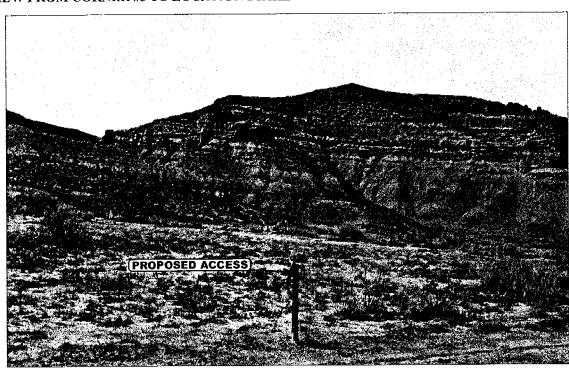


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

**CAMERA ANGLE: NORTHWESTERLY** 

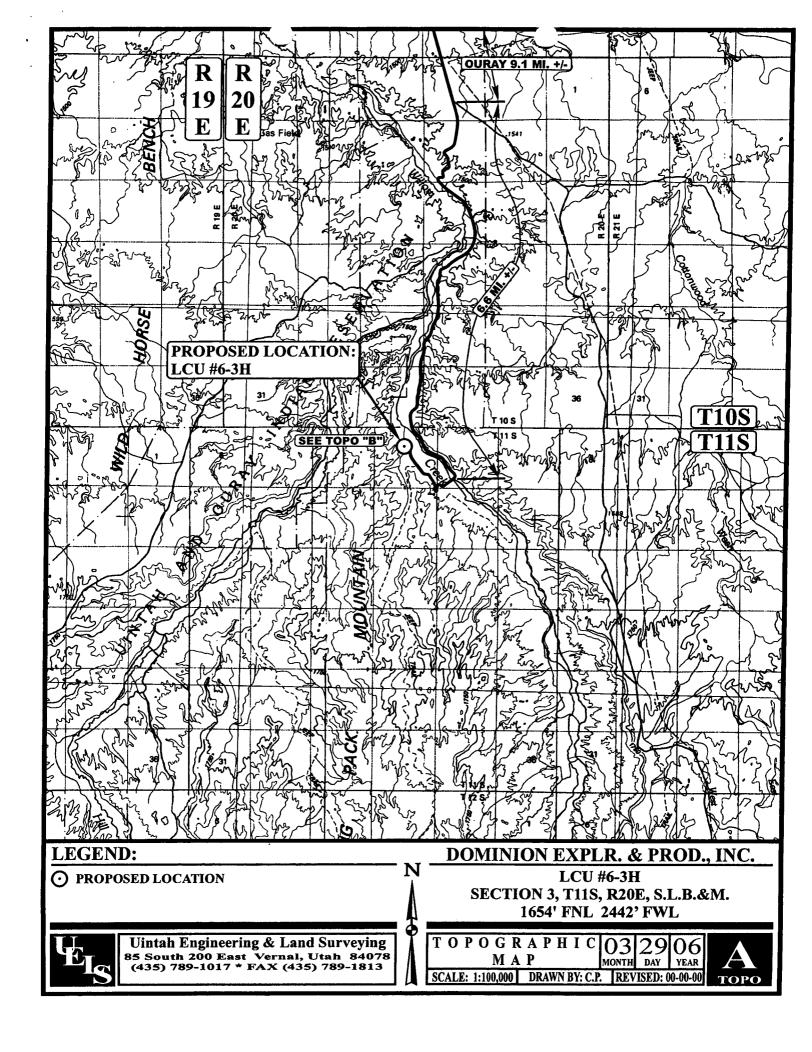


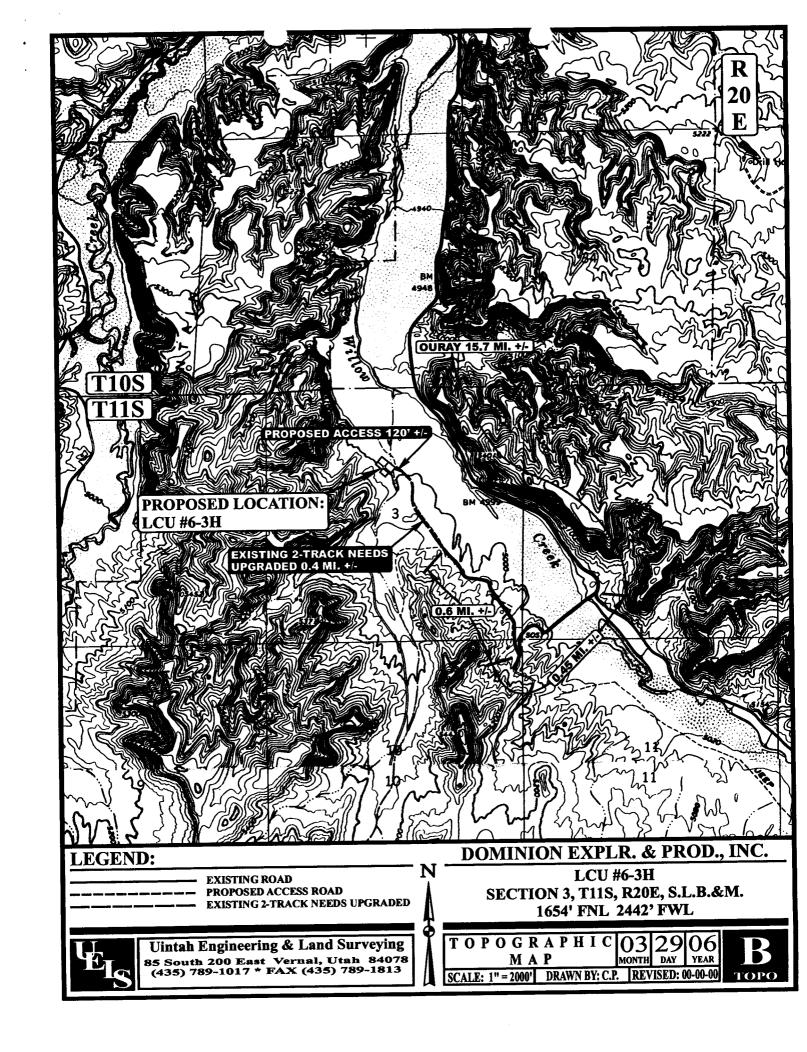
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 vels@uelsinc.com

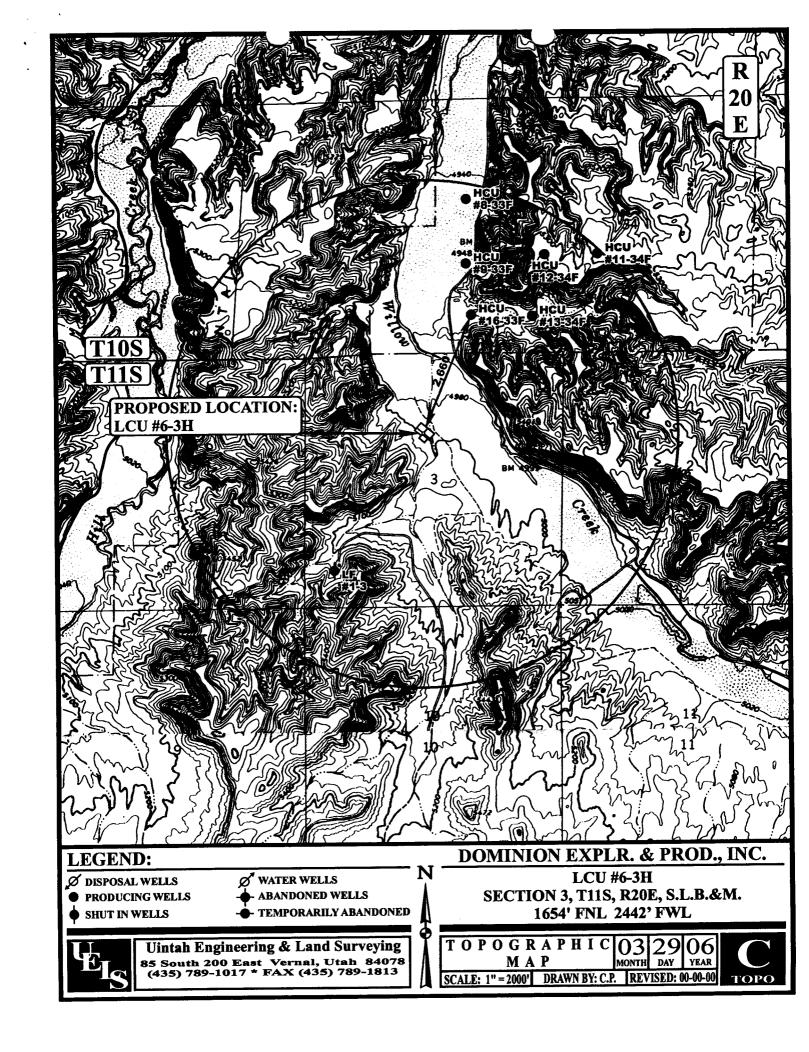
**LOCATION PHOTOS** 

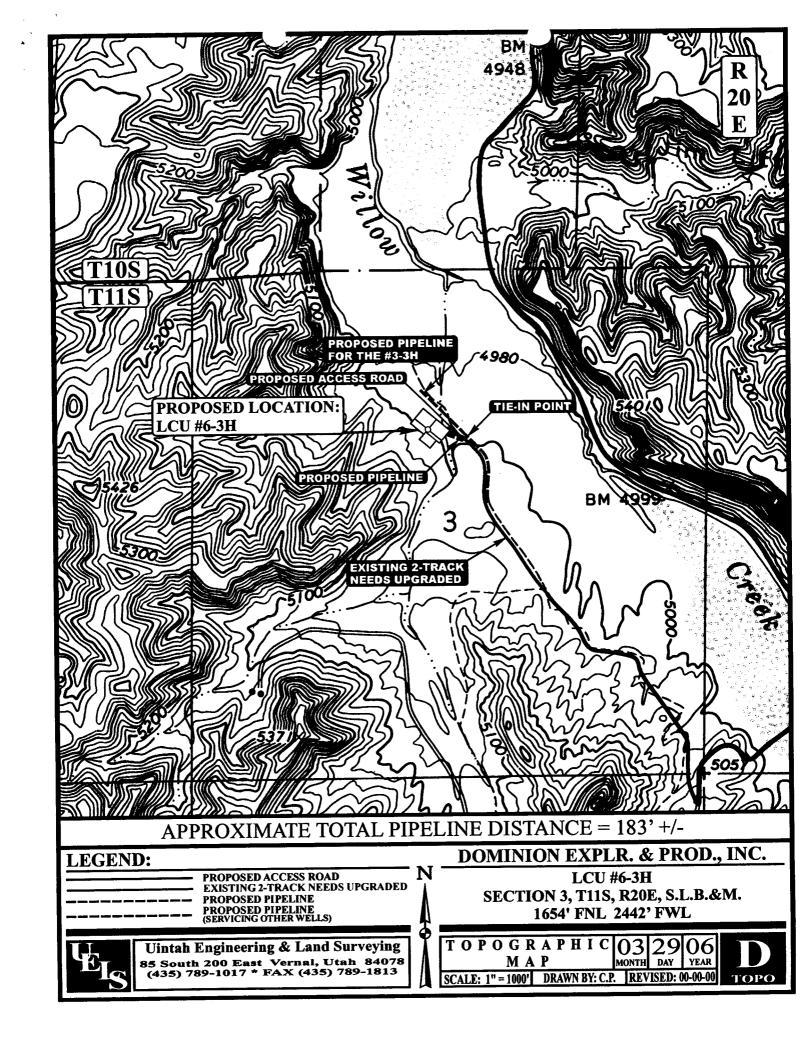
**РНОТО** 

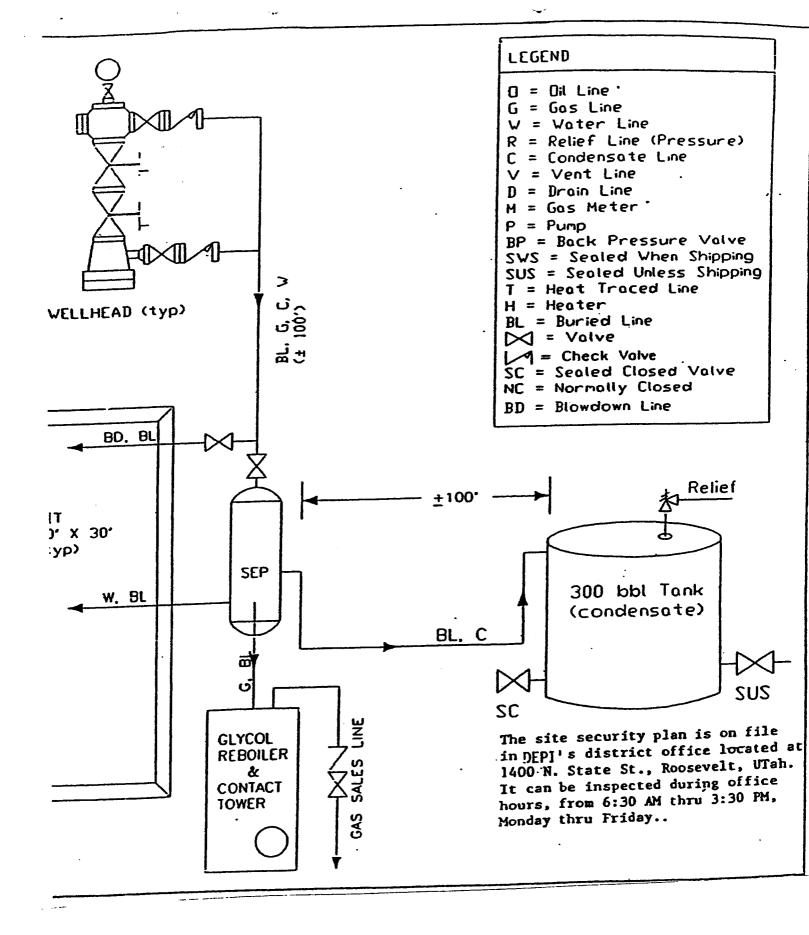
TAKEN BY: T.A. DRAWN BY: C.P. REVISED: 00-00-00

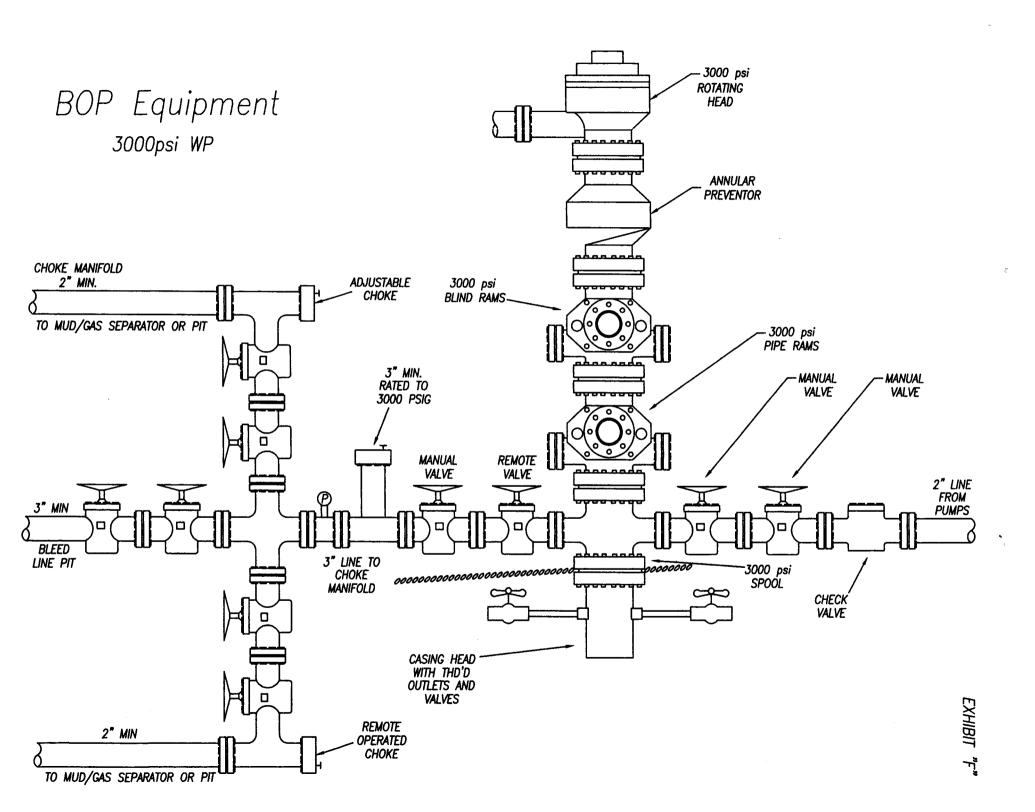






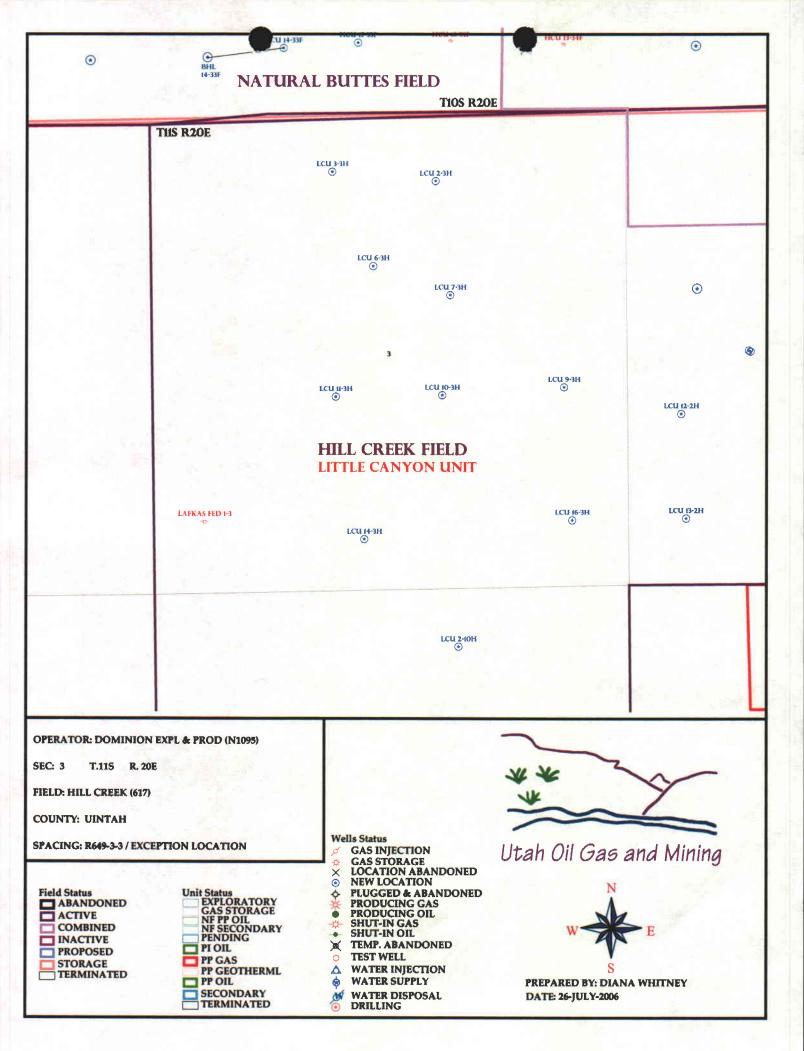






# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/17/2006	API NO. ASSIGNED: 43-047-38380
WELL NAME: LCU 6-3H  OPERATOR: DOMINION EXPL & PROD ( N1095 )  CONTACT: DON HAMILTON	PHONE NUMBER: 435-650-1886
PROPOSED LOCATION:  SENW 03 110S 200E  SURFACE: 1654 FNL 2442 FWL  BOTTOM: 1654 FNL 2442 FWL  COUNTY: UINTAH  LATITUDE: 39.89199 LONGITUDE: -109.6653  UTM SURF EASTINGS: 614112 NORTHINGS: 44164  FIELD NAME: HILL CREEK (617)  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-44090-A  SURFACE OWNER: 4 - Fee	
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. WY 3322 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 43-10447 )  RDCC Review (Y/N)  (Date: )  Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit: LITTLE CANYON  R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  Drilling Unit Board Cause No: Eff Date: Siting:  R649-3-11. Directional Drill
STIPULATIONS: 1- Codera Capper 2- Statement	vo ()



# Application for Permit to Drill Statement of Basis

9/25/2006

# Utah Division of Oil, Gas and Mining

Page 1

APD No

API WellNo

Status

Well Type

**Surf Ownr** 

**CBM** 

55

43-047-38380-00-00

Surface Owner-APD Alameda Corp.

GW

P

No

Operator Well Name LCU 6-3H

DOMINION EXPL & PROD INC

Unit

LITTLE CANYON

Field

HILL CREEK

Type of Work

Location SENW 3 11S 20E S 0 FL 0 FL

GPS Coord (UTM) 614112E 4416412N

### **Geologic Statement of Basis**

The proposed well is located on a Federal mineral lease. The BLM will be the agency responsible for evaluating and approving the proposed drilling ,casing and cement programs .

**Brad Hill** 

9/25/2006

**APD** Evaluator

Date / Time

### **Surface Statement of Basis**

The predrill investigation of the surface was performed on 9/07/06. This site is on Fee surface with USA minerals. The BLM was notified of this investigation, and Karl Wright and Alicia Beat were present. It will be necessary to remove a wire corral to construct this location. Mr. Jenkins with Alameda Corp. asked that the posts and wire be saved so the corral can be re-constructed at a later date. Mr. Secrest with Dominion agreed to this.

David Hackford

9/7/2006

**Onsite Evaluator** 

Date / Time

### Conditions of Approval / Application for Permit to Drill

Category

Condition

**Pits** 

A synthetic liner with a minimum thickness of 12 mils with a felt subliner shall be

properly installed and maintained in the reserve pit.

Surface

The reserve pit shall be fenced upon completion of drilling operations.

# **ON-SITE PREDRILL EVALUATION**

# Utah Division of Oil, Gas and Mining

Operator

DOMINION EXPL & PROD INC

**Well Name** 

LCU 10-3H

**API Number** 

43-047-38381-0

APD No 53

Field/Unit HILL CREEK

Location: 1/4,1/4 NWSE

Sec 3

Tw 11S Rng 20E 0 FL 0 FL

**GPS Coord (UTM)** 614334

4415975

Surface Owner Alameda Corp.

### **Participants**

David Hackford (DOGM), Ken Secrest (Dominion), Don Hamilton (B&A), Brandon Bowthorpe (UELS), Tom Jenkins (Alemeda Corp.), Karl Wright, Alicia Beat (BLM).

### Regional/Local Setting & Topography

Site is in the bottom of Willow Creek Canyon, 1300' west of Willow Creek and three miles south of the confluence of Willow Creek and Hill Creek. Willow Creek cuts an incised gulch 25' to 30' below the 100 year floodplain through the bottom of this canyon. Canyon walls are steep with numerous sandstone faces, outcroppings and sheer rock ledges.

### Surface Use Plan

**Current Surface Use** 

Recreational

Wildlfe Habitat

**New Road** 

Miles

Well Pad

**Src Const Material** 

**Surface Formation** 

Width 270

Length 355

Offsite

UNTA

Ancillary Facilities N

### Waste Management Plan Adequate? Y

### **Environmental Parameters**

### Affected Floodplains and/or Wetland Y

Willow Creek 100 year floodplain

### Flora / Fauna

Tamarix, mustard, gumweed, sage, wildflowers, greasewood, rabbitbrush: Pronghorn, coyotes, songbirds, raptors, rodents, rabbits, deer, elk.

### Soil Type and Characteristics

Light brown sandy clay

**Erosion Issues** 

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required Y

Berm Required? N

Paleo Survey Run? Y Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? N

### **Reserve Pit**

Site-Specific Factors		Site I	Ranking	
Distance to Groundwater (feet)	100 to 200		5	
Distance to Surface Water (feet)	>1000		0	
Dist. Nearest Municipal Well (ft)	>5280		0	
Distance to Other Wells (feet)	>1320		0	
Native Soil Type	Mod permeability		10	
Fluid Type	Fresh Water		5	
Drill Cuttings	Normal Rock		0	
<b>Annual Precipitation (inches)</b>	<10		0	
Affected Populations	<10		0	
<b>Presence Nearby Utility Conduits</b>	Not Present		0	
		Final Score	20	1 Sensitivity Level

### Characteristics / Requirements

Reserve pit will be 140' by 100' and eight feet deep. Dominion always lines their reserve pits with 16 mil liners and a felt sub-liner.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 12 Pit Underlayment Required? Y

### Other Observations / Comments

Presite investigation was conducted on a warm, sunny day.

David Hackford 9/7/2006 **Evaluator Date / Time** 

# **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

July 27, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Little Canyon Unit Uintah County,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Little Canyon Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ MesaVerde)

43-047-38379 LCU 02-3H Sec 3 T11S R20E 0738 FNL 2148 FEL 43-047-38381 LCU 10-3H Sec 3 T11S R20E 2100 FSL 2100 FEL 43-047-38382 LCU 16-3H Sec 3 T11S R20E 0698 FSL 0665 FEL 43-047-38380 LCU 06-3H Sec 3 T11S R20E 1654 FNL 2442 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Little Canyon Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:7-27-06

73-047-38380

### WELL-SITE SURFACE USE AGREEMENT

THIS WELL-SITE SURFACE USE AGREEMENT ("Agreement") is entered into this 3rd day of May, 2006, by and between Oscar S. Wyatt, Jr. whose mailing address is 8 Greenway Plaza, Suite 930, Houston, Texas 77046 and Alameda Corporation whose mailing address is 8 Greenway Plaza, Suite 930, Houston, TX 77046 ("Grantors"), and Dominion Exploration and Production, Inc. ("Grantee"), with offices at 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600.

#### Recitals

A. Grantors are the fee simple owners of record title of the surface estate in the following described lands in Uintah County, Utah:

### Township 11 South, Range 20 East, S.L.M.

Section 3: SE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>

(containing 80.00 acres, more or less)

### ("Section 3 Lands"); and

- B. Grantee is in the business of exploring for, developing, producing, and processing natural gas, oil, and associated hydrocarbons; and,
- C. Grantee has acquired rights to the oil and gas estate underlying the Section 3 Lands from the United States, owner of the mineral estate; and,
- D. Grantee is the operator of the LCU 6-3H Well to be drilled in the SE¼NW¼, SW¼NE¼ of the Section 3 Lands (the "Well"); and,
- E. Grantee desires to construct, operate, and maintain a well-site for the Well on the Section 3 Lands; and,
- F. With this Agreement, Grantee and the Grantors desire to establish terms for surface damages that may result from Dominion's construction, operation, and maintenance of the well-site on the Section 3 Lands.

NOW THEREFORE, for and in consideration of the sum of Ten Thousand Dollars (\$10,000.00), and other good and valuable consideration, Grantors grant to Grantee and its successors and assigns, rights to construct, operate, and maintain a well-site ("Well-Site") on and over the Section 3 Lands, depicted and described on the plat attached hereto as Exhibit A, and incorporated into this Agreement by reference. Said Well-Site shall conform substantially to the proposed approximate 3.865 acre, rectangular location described on the attached Exhibit A.

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DEC 1 1 2006

- 1. Access and Use. Grantors acknowledge Grantee's right of access on and over the surface estate in the Section 3 Lands and such surface use as is reasonably necessary to explore for and produce oil, gas, and associated hydrocarbons, as defined by Utah law. Grantors further acknowledge that Grantee is entitled to use the Well-Site for all drilling, testing, and completion operations, including, but not limited to the use of reserve pits, construction, installation, and maintenance of production equipment and facilities such as flow lines, gas gathering lines, separators, tank batteries, and other equipment or facilities necessary or convenient to the production, transportation, and sale of oil, gas, and other materials produced by or used for production of oil or gas from the Section 3 Lands.
- 2. Compensation for Well-Site. Grantee shall pay to Grantors at the time of the signing of this Agreement the sum of \$10,000.00 for the Well-Site which includes damages to the surface estate resulting from its construction and use. The foregoing compensation includes all sums to be paid for damages to the surface estate resulting from the exercise of rights herein granted.
- 3. **Term of Grant**. Rights granted by this Agreement shall continue so long as Grantee, its successors or assigns, are actively engaged in operations on the Section 3 Lands, or until written surrender of such rights by Grantee, its successors or assigns, whichever is the earlier. Grantee shall have the authority to surrender separately any part of the Section 3 Lands, in which event, the surrendered portion of the Section 3 Lands shall no longer be subject to this Agreement.
- 4. **Right of Occupancy**. Grantors hereby grant to Grantee the right of immediate occupancy of the Well-Site, to the extent not heretofore granted, as shall be reasonably necessary for these purposes under this Agreement.
- 5. **Assignment of Rights**. All rights and obligations under this Agreement shall run with the Section 3 Lands and shall inure to the benefit of and be binding upon the heirs, successors, or assigns of each party.
- 6. Indemnification. Grantee and its agents, subcontractors and agents hereby agree to indemnify and hold Grantors, its employees, heirs, agents, lawyers and assigns harmless of, from and against all liabilities, claims, damages, losses, liens, fines, penalties, costs, causes of action, suits, judgments and expenses (including without limitation court costs, attorneys' fees and paralegal fees, fees and costs of expert witnesses and costs of investigation) of any nature, kind or description or any person or entity (including but not limited to deaths of or injuries to employees of Grantee and its contractors, agents and employees or any other persons, including all third persons whatsoever), or damages to property, directly or indirectly, proximately or remotely, arising out of, caused by or resulting from, in whole or part from: (a) the present or future condition, state of repair or defect of Grantors' property and/or improvements thereto, whether latent or visible, known or unknown, (b) any act or omission (whether negligent or not) of Grantee or its employees, contractors or their employees or anyone that they control or exercise control over or any other person entering upon Grantors' property

under or with the express or implied invitation of Grantee, (c) any breach, violation of this Agreement or (d) the use of or occupancy of the property even if and including if any such liabilities arise from or are attributable to, in whole or in part, to Grantors' negligence or strict liability. In case any action or proceeding is brought against Grantors by third parties resulting from Grantee's activities on the property, upon notice, Grantee agrees to defend Grantors in such action or proceeding.

7. **Notices and Payment**. Notices shall be in writing and shall be given by certified or registered mail to Dominion, Oscar S. Wyatt, Jr., and Alameda Corporation at the following addresses:

Dominion Exploration and Production, Inc. 14000 Quail Springs Parkway, # 600 Oklahoma City, OK 73134-2600 Attention: Mr. Russell R. Waters

Oscar S. Wyatt, Jr. 3355 West Alabama Houston, TX 77098

Alameda Corporation 3355 West Alabama Houston, TX 77098

or to such address as the party may designate to the other in writing not less than thirty days before that event which triggers notices. Notices shall be effective the third day after the date of mailing, postage prepaid.

- 8. Ownership of Fences, Gates, and Improvements upon Termination. Any fences, gates or other improvements constructed by Grantee on the Section 3 Lands except the well-site equipment shall become the Grantors' property upon termination of this Agreement.
- 9. Rehabilitation and Restoration. The Well-Site constructed by Grantee shall be restored as near as possible to its original condition and reseeded with native grasses upon abandonment of the Well in accordance with acceptable industry practices and in compliance with all applicable laws and regulations in effect at the time of restoration. Provided however, that Grantors may at their option elect to have Grantee (or its successor) leave the Well-Site, or any respective portion or segment thereof in an unrestored or partially restored state, with the understanding that Grantors shall then assume responsibility for any restoration thereafter required by law.
- 10. **Governing Law**. The laws of the State of Utah shall control the rights of the parties under this Agreement.
- 11. **Modifications.** This Agreement may not be amended or modified, except by a written instrument to such effect signed by the parties.

- 12. Confidentiality and Recording. The financial terms of this Agreement shall remain confidential as between the parties. Grantee, at its option, may record in Uintah County or submit to regulatory agencies having jurisdiction over oil and gas operations, a memorandum of agreement containing essential elements of the Agreement to give constructive notice of its rights or to comply with regulatory requirements for evidence of an agreement with Grantors. However, in no event shall the financial terms be recorded or divulged to third parties, except as a legitimate purchaser or transferee.
- 13. Waiver. By signing this Agreement, neither party waives its statutory and common law rights to occupancy and enjoyment of their respective estates, except as expressly provided in this Agreement with regard to the Well-Site.
- 14. **Further Waiver.** Failure of either party hereto to enforce any provision of this Agreement at any time shall not be construed as a waiver of such provision or of any other provision of this Agreement.
- 15. **Severability.** If any provision if this Agreement is held invalid or unenforceable, the remainder of this Agreement shall continue in full force and effect.
- 16. Attorneys' Fees. In the event that any party hereto brings any action to enforce or interpret the provisions of this Agreement, the prevailing party in such action, as determined by the court, shall be awarded from the non-prevailing party all of its costs and attorneys' fees incurred in connection with such action, including all costs and attorneys' fees associated with any appeals.
- 17. **Entire Agreement.** This Agreement, together with the attached Exhibit A, constitutes the entire agreement between the parties relating to the subject matter hereof, and supersedes any prior agreements and understandings between the parties.
- 18. **Counterparts**. This Agreement may be executed in counterparts. Each counterpart shall constitute an original and all counterparts together shall constitute one and the same document.

Rest of page left blank intentionally

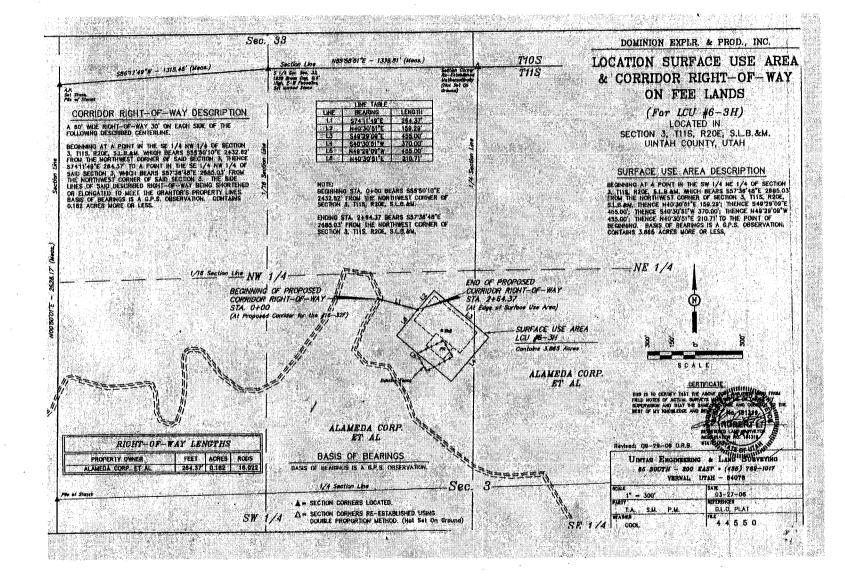
Dated this 3<sup>rd</sup> day of May, 2006.

Its			
Alameda Corpo	oration		
By <i>M</i> .	7 Ann		
	SIDENT		g
	•		- 1
Ogoo# C W/v44	τ		
Oscar S. Wyatt,	лг. О д	,	

### **ACKNOWLEDGMENTS**

STATE OF OKLAHOMA )	
COUNTY OF OKLAHOMA)	
Before me on this day of known	, 2006, personally appeared to me to be the person whose name is
subscribed to the foregoing instrument an same for the purposes and consideration the	d acknowledged to me that he executed the
	NOTARY PUBLIC
	Residing at:
My Commission Expires:	
STATE OF TEXAS )	
COUNTY OF HARRIS )	1/
USCAR S. NYATT, JA, known	Novamper, 2006, personally appeared to me to be the person whose name is d acknowledged to me that he executed the rein expressed.
DON C. NELSON MY COMMISSION EXPIRES AUGUST 14, 2010	NOTARY PUBLIC Residing at: HOUSTON, TX
My Commission Expires:	

STATE OF TEXAS	
COUNTY OF HARRIS	: ss.
subscribed to the foregoing	day of <b>NOVELLES</b> 2006, personally appeared , known to me to be the person whose name is instrument and acknowledged to me that he executed the onsideration therein expressed.
DONIC, NELSON MY COMMISSION EXPIRES	7 Du Caller
AUGUST 14, 2010	NOTARY PUBLIC Residing at: HOUSTON, TX
My Commission Expires:	



X

#### ACCESS ROAD EASEMENT AND RIGHT-OF WAY AGREEMENT

THIS ACCESS ROAD EASEMENT AND RIGHT-OF-WAY AGREEMENT ("Agreement") is entered into this 3rd day of May, 2006, by and between Oscar S. Wyatt, Jr. whose mailing address is 8 Greenway Plaza, Suite 930, Houston, Texas 77046 and Alameda Corporation whose mailing address is 8 Greenway Plaza, Suite 930, Houston, TX 77046 ("Grantors"), and Dominion Exploration and Production, Inc. ("Grantee"), with offices at 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600.

#### Recitals

A. Grantors are the fee simple owners of record title of the surface estate in the following described lands in Uintah County, Utah:

#### Township 11 South, Range 20 East, S.L.M.

Section 3: SE¼NW¼, SW¼NE¼

(containing 80.00 acres, more or less)

#### ("Section 3 Lands"); and

- B. Grantee is in the business of exploring for, developing, producing, and processing natural gas, oil, and associated hydrocarbons; and,
- C. Grantee has acquired rights to the oil and gas estate underlying the Section 3 Lands from the United States, owner of the mineral estate; and,
- D. Grantee is the operator of the LCU 6-3H Well ("Well") to be drilled SE¼NW¼, SW¼NE¼ of the Section 3 Lands; and,
- E. Grantee desires to construct, operate, and maintain an access road on the Section 3 Lands to be used both for access to the Well and as a connector road to Grantee's wells in adjoining sections; and,
- F. With this Agreement, Grantee and the Grantors desire to establish terms for the access road easement and right-of-way.

NOW THEREFORE, for and in consideration of sum of \$250.00 and other good and valuable consideration, Grantors grant, convey, warrant and deliver to Grantee and its successors and assigns, an easement and right-of-way ("**Right-of-Way**") for roadway purposes over and across the Section 3 Lands, depicted and described on the plat attached hereto as Exhibit A, and incorporated into this Agreement by reference. Said, Right-of-Way shall be sixty (60) feet wide, thirty (30) feet on either side of the centerline, for a distance of 16.022 rods, and contain approximately 0.182 acres.

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- 1. Access. Grantors acknowledge Grantee's right of access over and across the surface estate in the Section 3 Lands and such surface use as is reasonably necessary for access to the Wells and to any future wells.
- 2. Compensation for Access Road. Grantee will pay to Grantors at the time of the signing of this Agreement the sum of \$250.00 for the Right-of-Way which includes damages to the surface estate resulting from its construction and use. The foregoing compensation includes all sums to be paid for damages to the surface estate resulting from the exercise of rights herein granted and is deemed full payment for the Right-of-Way during its entire term.
- 3. **Term of Grant**. Rights granted by this Agreement shall continue so long as Grantee, its successors or assigns, are actively engaged in operations on the Section 3 Lands, or until written surrender of such rights by Grantee, its successors or assigns, whichever is the earlier. Grantee shall have the authority to surrender separately any part of the Section 3 Lands, in which event, the surrendered portion of the Section 3 Lands shall no longer be subject to this Agreement.
- 4. **Right of Occupancy**. Grantors hereby grant to Grantee the right of immediate occupancy of the Right-of-Way, to the extent not heretofore granted, as shall be reasonably necessary for these purposes under this Agreement.
- 5. **Assignment of Rights**. All rights and obligations under this Agreement shall run with the Section 3 Lands and shall inure to the benefit of and be binding upon the heirs, successors, or assigns of each party.
- 6. Non-Exclusive Grant to Grantee. Grantee acknowledges Grantors hold title to the respective surface estate. Grantee acknowledges that the road easement and right-of-way is a non-exclusive grant and that Grantor on behalf of itself and its employees, agents, contractors, officers and invitees retain the full right to use the road made the subject of this road easement. Grantee shall repair all damages to the road caused by Grantee's use of the road. Grantee also agrees to pay a reasonable prorate portion of the normal annual maintenance of the road. Grantors, their successors, assigns, invitees, and licensees shall not unreasonably interfere with Grantee's operations on the access roads nor with any of their attendant equipment and operations. Grantee agrees to construct the road contemplated herein in a good and workmanlike manner and in such a way as to not alter the natural drainage and shall keep the roadway clean and free of debris and trash.
- 7. **Indemnification**. Grantee and its agents, subcontractors and agents hereby agree to indemnify and hold Grantors, its employees, heirs, agents, lawyers and assigns harmless of, from and against all liabilities, claims, damages, losses, liens, fines, penalties, costs, causes of action, suits, judgments and expenses (including without limitation court costs, attorneys' fees and paralegal fees, fees and costs of expert witnesses and costs of investigation) of any nature, kind or description or any person or entity (including but not limited to deaths of or injuries to employees of Grantee and its

contractors, agents and employees or any other persons, including all third persons whatsoever), or damages to property, directly or indirectly, proximately or remotely, arising out of, caused by or resulting from, in whole or part from: (a) the present or future condition, state of repair or defect of Grantors' property and/or improvements thereto, whether latent or visible, known or unknown, (b) any act or omission (whether negligent or not) of Grantee or its employees, contractors or their employees or anyone that they control or exercise control over or any other person entering upon Grantors' property under or with the express or implied invitation of Grantee, (c) any breach, violation of this Agreement or (d) the use of or occupancy of the property even if and including if any such liabilities arise from or are attributable to, in whole or in part, to Grantors' negligence or strict liability. In case any action or proceeding is brought against Grantors by third parties resulting from Grantee's activities on the property, upon notice, Grantee agrees to defend Grantors in such action or proceeding.

8. **Notices and Payment**. Notices shall be in writing and shall be given by certified or registered mail to Dominion, Oscar S. Wyatt, Jr., and Alameda Corporation at the following addresses:

Dominion Exploration and Production, Inc. 14000 Quail Springs Parkway, # 600 Oklahoma City, OK 73134-2600 Attention: Mr. Russell R. Waters

Oscar S. Wyatt, Jr. 3355 West Alabama Houston, TX 77098

Alameda Corporation 3355 West Alabama Houston, TX 77098

or to such address as the party may designate to the other in writing not less than thirty days before that event which triggers notices. Notices shall be effective the third day after the date of mailing, postage prepaid.

- 9. Ownership of the Access Road upon Termination. The access road constructed by Grantee on the Section 3 Lands shall become the Grantors' property upon termination of this Agreement.
- 10. **Rehabilitation and Restoration**. The access road constructed by Grantee shall be restored as near as possible to its original condition and reseeded with native grasses upon abandonment of the Wells in accordance with acceptable industry practices and in compliance with all applicable laws and regulations in effect at the time of restoration. Provided however, that Grantors may at their option elect to have Grantee (or its successor) leave the access road, or any respective portion or segment thereof in an unrestored or partially restored state, with the understanding that Grantors shall then assume responsibility for any restoration thereafter required by law.

- 11. **Governing Law**. The laws of the State of Utah shall control the rights of the parties under this contract.
- 12. **Modifications.** This Agreement may not be amended or modified, except by a written instrument to such effect signed by the parties.
- 13. Confidentiality and Recording. The financial terms of this Agreement shall remain confidential as between the parties. Grantee, at its option, may record in Uintah County or submit to regulatory agencies having jurisdiction over oil and gas operations, a memorandum of agreement containing essential elements of the Agreement to give constructive notice of its rights or to comply with regulatory requirements for evidence of an agreement with Grantors. However, in no event shall the financial terms be recorded or divulged to third parties, except as a legitimate purchaser or transferee.
- 14. **Waiver**. By signing this Agreement, neither party waives its statutory and common law rights to occupancy and enjoyment of their respective estates, except as expressly provided in this Agreement with regard to the Right-of-Way.
- 15. **Further Waiver.** Failure of either party hereto to enforce any provision of this Agreement at any time shall not be construed as a waiver of such provision or of any other provision of this Agreement.
- 16. **Severability.** If any provision if this Agreement is held invalid or unenforceable, the remainder of this Agreement shall continue in full force and effect.
- 17. **Attorneys' Fees.** In the event that any party hereto brings any action to enforce or interpret the provisions of this Agreement, the prevailing party in such action, as determined by the court, shall be awarded from the non-prevailing party all of its costs and attorneys' fees incurred in connection with such action, including all costs and attorneys' fees associated with any appeals.
- 18. **Entire Agreement.** This Agreement, together with the attached Exhibit A, constitutes the entire agreement between the parties relating to the subject matter hereof, and supersedes any prior agreements and understandings between the parties.
- 19. **Counterparts**. This Agreement may be executed in counterparts. Each counterpart shall constitute an original and all counterparts together shall constitute one and the same document.

Rest of page left blank intentionally

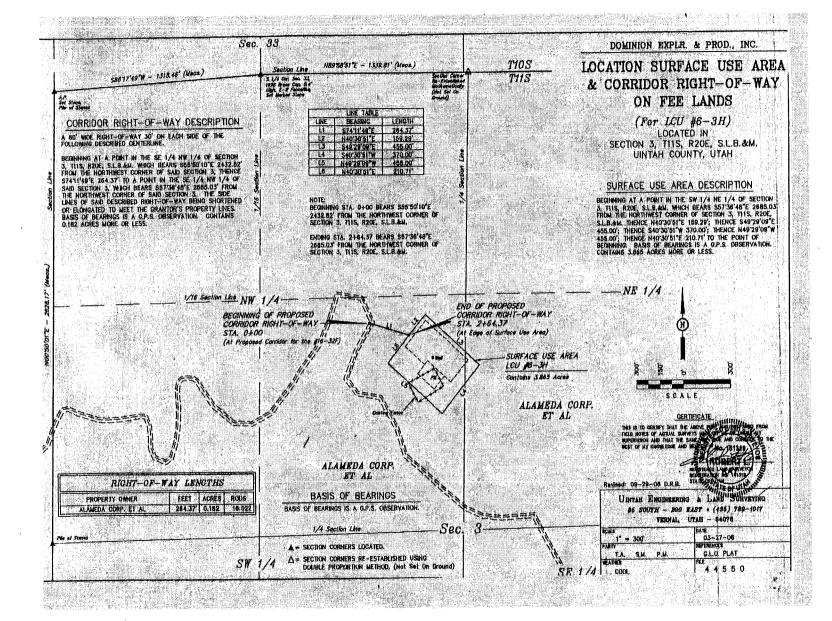
# Dated this 3rd day of May, 2006.

Dominion Exploration and Production, Inc.	
By	
Its	
Alameda Corporation	
By M. J. Lyenole	<b>a</b>
Its PRESIDENT	DET
Oscar S. Wyatt, Jr.	
By Ocscar & Wyatt fr	PM

## **ACKNOWLEDGMENTS**

STATE OF OKLAHOMA )	
COUNTY OF OKLAHOMA)	•
Before me on this day of, known subscribed to the foregoing instrument an same for the purposes and consideration the	, 2006, personally appeared to me to be the person whose name is ad acknowledged to me that he executed the crein expressed.
	NOTARY PUBLIC Residing at:
My Commission Expires:	
USCIR S. WYATT, JA, known	<b>NOURABLE</b> , 2006, personally appeared to me to be the person whose name is d acknowledged to me that he executed the rein expressed.
DON C. NELSON MY COMMISSION EXPIRES AUGUST 14, 2010	NOTARY PUBLIC Residing at: HOUSTON, TX
My Commission Expires:	

STATE OF TEXAS	)
COUNTY OF HARRIS	: ss. ) /
subscribed to the foregoing	day of <b>November</b> , 2006, personally appeared, known to me to be the person whose name is instrument and acknowledged to me that he executed the ensideration therein expressed.
DON C. NELSO	RES
AUGUST 14, 201	NOTABY BUBLIC
My Commission Expires:	



00

# PIPELINE EASEMENT AND RIGHT-OF WAY AGREEMENT

THIS PIPELINE EASEMENT AND RIGHT-OF-WAY AGREEMENT ("Agreement") is entered into this 3rd day of May, 2006, by and between OSCAR S. WYATT, JR. whose mailing address is 8 Greenway Plaza, Suite 930, Houston, Texas 77046 and ALAMEDA CORPORATION whose mailing address is 8 Greenway Plaza, Suite 930, Houston, TX 77046 ("Grantors"), and DOMINION EXPLORATION AND PRODUCTION, INC. ("Dominion") ("Grantee"), with offices at 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600.

#### Recitals

A. Grantors are the fee simple owners of record title of the surface estate in the following described lands in Uintah County, Utah:

# Township 11 South, Range 20 East, S.L.M.

Section 3: SE¼NW¼, SW¼NE¼

(containing 80.00 acres, more or less)

## ("Section 3 Lands"); and

- B. Grantee is in the business of exploring for, developing, producing, and processing natural gas, oil, and associated hydrocarbons; and,
- C. Grantee has acquired rights to the oil and gas estate underlying the Section 3 Lands from the United States, owner of the mineral estate; and,
- D. Grantee is the operator of the LCU 6-3H Well ("Well") to be drilled in the SE¼NW¼, SW¼NE¼ of the said Section 3 Lands; and,
- E. Grantee desires to construct, operate, and maintain a natural gas (gathering system) pipeline to the Well; and,
- F. With this Agreement, Grantee and the Grantors desire to establish terms for the pipeline easement and right-of-way.

NOW THEREFORE, for and in consideration of sum of \$250.00 and other good and valuable consideration, Grantors grant to Grantee and its successors and assigns, a right-of-way and easement ("Easement") to construct, maintain, operate, inspect, repair, alter, replace and remove pipelines and appurtenant facilities for the transportation of oil, gas, or other hydrocarbons across, under, or over the Section 3 Lands, depicted and described on the plat attached hereto as Exhibit A, and incorporated into this Agreement by reference. Said Easement shall be 60 (sixty) feet wide, 30 (thirty) feet on either side of the centerline, for a distance of 16.022 rods, and contain approximately 0.182 acres.

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- 1. Access. Grantors acknowledge Grantee's non-exclusive right of access on and over the surface estate in the Section 3 Lands and such surface use as is reasonably necessary to produce and transport oil, gas, and associated hydrocarbons, as defined by Utah law. Should Grantee's activities damage any of Grantor's roads or fences, Grantee shall promptly repair or compensate Grantor to repair such damages.
- 2. Compensation for Pipeline Right-of-Way and Easement. Grantee will pay to Grantors at the time of the signing of this Agreement the sum of \$250.00 for the Easement which includes damages to the surface estate resulting from its construction and use. The foregoing compensation includes all sums to be paid for damages to the surface estate resulting from the exercise of rights herein granted.
- 3. **Term of Grant**. Rights granted by this Agreement shall continue so long as Grantee, its successors or assigns, are actively engaged in operations on the Section 3 Lands, or until written surrender of such rights by Grantee, its successors or assigns, whichever is the earlier. Grantee shall have the authority to surrender separately any part of the Section 3 Lands, in which event, the surrendered portion of the Section 3 Lands shall no longer be subject to this Agreement.
- 4. **Right of Occupancy**. Grantee shall have all rights and benefits necessary or convenient for the full enjoyment and use of the rights granted, including the right of ingress and egress over and across the Section 3 Lands to and from the Easement, and the right from time to time to cut trees, undergrowth, and other obstructions that may injure, endanger, or interfere with the Grantee's use of the Easement. Grantee agrees to conduct all of its operations in a good and workmanlike manner and after completion of construction, shall remove all debris, trash, equipment and surplus materials from the right-of-way. Should any of the pipeline be buried, Grantee shall inspect the right-of-way twice a year to insure that there are no wash outs or depressions in the pipeline ditch and if such exist Grantee shall take such actions as necessary to fill in the depressions and restore the surface to the original condition as much as reasonably possible.
- 5. Assignment of Rights. All rights and obligations under this Agreement shall run with the Section 3 Lands and shall inure to the benefit of and be binding upon the heirs, successors, or assigns of each party.
- 6. **Indemnification**. Grantee and its agents, subcontractors and agents hereby agree to indemnify and hold Grantors, its employees, heirs, agents, lawyers and assigns harmless of, from and against all liabilities, claims, damages, losses, liens, fines, penalties, costs, causes of action, suits, judgments and expenses (including without limitation court costs, attorneys' fees and paralegal fees, fees and costs of expert witnesses and costs of investigation) of any nature, kind or description or any person or entity (including but not limited to deaths of or injuries to employees of Grantee and its contractors, agents and employees or any other persons, including all third persons whatsoever), or damages to property, directly or indirectly, proximately or remotely, arising out of, caused by or resulting from, in whole or part from: (a) the present or future condition, state of repair or defect of Grantors' property and/or improvements thereto,

whether latent or visible, known or unknown, (b) any act or omission (whether negligent or not) of Grantee or its employees, contractors or their employees or anyone that they control or exercise control over or any other person entering upon Grantors' property under or with the express or implied invitation of Grantee, (c) any breach, violation of this Agreement or (d) the use of or occupancy of the property even if and including if any such liabilities arise from or are attributable to, in whole or in part, to Grantors' negligence or strict liability. In case any action or proceeding is brought against Grantors by third parties resulting from Grantee's activities on the property, upon notice, Grantee agrees to defend Grantors in such action or proceeding.

7. **Notices and Payment**. Notices shall be in writing and shall be given by certified or registered mail to Dominion, Oscar S. Wyatt, Jr., and Alameda Corporation at the following addresses:

Dominion Exploration and Production, Inc. 14000 Quail Springs Parkway, # 600 Oklahoma City, OK 73134-2600 Attention: Mr. Russell R. Waters

Oscar S. Wyatt, Jr. 3355 West Alabama Houston, TX 77098

Alameda Corporation 3355 West Alabama Houston, TX 77098

or to such address as the party may designate to the other in writing not less than thirty days before that event which triggers notices. Notices shall be effective the third day after the date of mailing, postage prepaid.

- 8. Governing Law. The laws of the State of Utah shall control the rights of the parties under this contract.
- 9. **Modifications.** This Agreement may not be amended or modified, except by a written instrument to such effect signed by the parties.
- 10. Confidentiality and Recording. The financial terms of this Agreement shall remain confidential as between the parties. Grantee, at its option, may record in Uintah County or submit to regulatory agencies having jurisdiction over oil and gas operations, a memorandum of agreement containing essential elements of the Agreement to give constructive notice of its rights or to comply with regulatory requirements for evidence of an agreement with Grantors. However, in no event shall the financial terms be recorded or divulged to third parties, except as a legitimate purchaser or transferee.

- 11. Waiver. By signing this Agreement, neither party waives its statutory and common law rights to occupancy and enjoyment of their respective estates, except as expressly provided in this Agreement with regard to the Easement.
- Further Waiver. Failure of either party hereto to enforce any provision of 12. this Agreement at any time shall not be construed as a waiver of such provision or of any other provision of this Agreement.
- If any provision if this Agreement is held invalid or 13. Severability. unenforceable, the remainder of this Agreement shall continue in full force and effect.
- Attorneys' Fees. In the event that any party hereto brings any action to enforce or interpret the provisions of this Agreement, the prevailing party in such action, as determined by the court, shall be awarded from the non-prevailing party all of its costs and attorneys' fees incurred in connection with such action, including all costs and attorneys' fees associated with any appeals.
- Entire Agreement. This Agreement, together with the attached Exhibit A, 15. constitutes the entire agreement between the parties relating to the subject matter hereof, and supersedes any prior agreements and understandings between the parties.
- 16. This Agreement may be executed in one or more Counterparts. counterparts, each of which shall be an original, but all of which together shall constitute one and the same instrument, and it shall not be necessary in making proof of this Agreement to produce or account for more than one original.

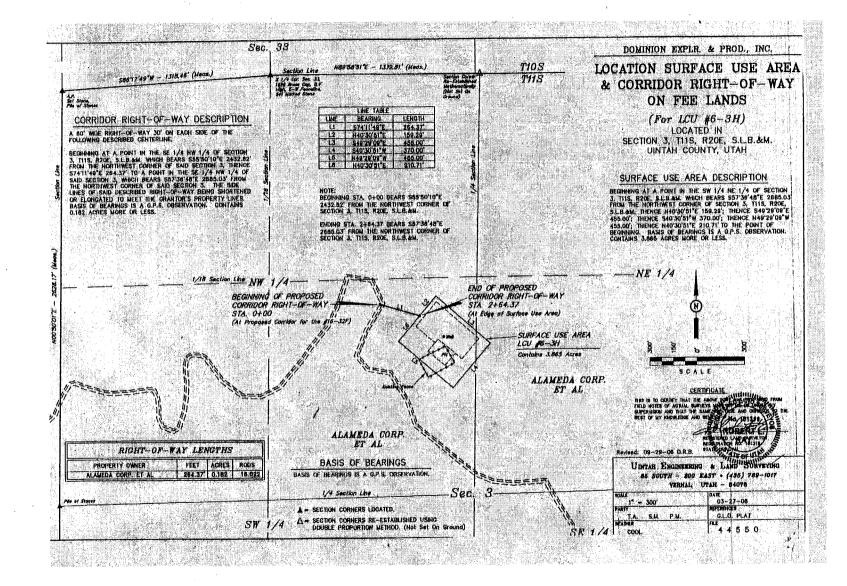
Dated this 3rd day of May, 2006.

Nem

# **ACKNOWLEDGMENTS**

STATE OF OKLAHOMA )	
COUNTY OF OKLAHOMA)	
Before me on this day of	, 2006, personally appeared
subscribed to the foregoing instrument an same for the purposes and consideration the	to me to be the person whose name is d acknowledged to me that he executed the rein expressed.
·	
	NOTARY PUBLIC Residing at:
My Commission Expires:	
STATE OF TEXAS ) : ss.	
COUNTY OF HARRIS )	
Known	<b>NOVEMBER</b> , 2006, personally appeared to me to be the person whose name is a acknowledged to me that he executed the rein expressed.
DON C. NELSON MY COMMISSION EXPIRES AUGUST 14, 2010	NOTARY PUBLIC Residing at: HOUSTON, TS
My Commission Expires:	

STATE OF TEXAS	)
COUNTY OF HARRIS	: ss. )
subscribed to the foregoing	day of Novamber, 2006, personally appeared, known to me to be the person whose name is instrument and acknowledged to me that he executed the nsideration therein expressed.
DON C. NELSON MY COMMISSION EXPIRES AUGUST 14, 2010	NOTARY PUBLIC Residing at: HOMS FOR TY
My Commission Expires:	





#### State of Utah

### Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

December 11, 2006

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Re:

Little Canyon Unit 6-3H Well, 1654' FNL, 2442' FWL, SE NW, Sec. 3,

T. 11 South, R. 20 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38380.

Sincerely,

Gil Hunt

Associate Director

StigHt

pab Enclosures

cc:

Uintah County Assessor (via e-mail)

Bureau of Land Management, Vernal District Office

Operator:		Dominion Exploration & Production, Inc.			
Well Name & Number_					
<b>API Number:</b> 43-047-38380					
Lease:		UTU-44090-A			
		<b>T.</b> 11 South	<b>R.</b> 20 East		

## **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-5 (February 2005)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

#### SUNDRY NOTICES AND REPORTS ON WELLS

	nis form for proposals ell. Use Form 3160-3 (			N/A
	IPLICATE- Other inst	tructions on rever	se side.	7. If Unit or CA/Agreement, Name and/or No.  Little Canyon Unit
	Gas Well Other	CONFIC	IENTIAL	8. Well Name and No. LCU 6-3H
2. Name of Operator Dominion Ex		3b. Phone No. (include	area code)	9. API Well No. 43-047-38380
PO Box 1360; 1400 N. State State A. Location of Well (Footage, Sec.,		435-722-4521		10. Field and Pool, or Exploratory Area Natural Buttes
1,654' FNL & 2,442' FWL, SE	/4 NW/4, Section 3, T11S, R2	20E, SLB&M		11. County or Parish, State Uintah County, Utah
12. CHECK AI	PPROPRIATE BOX(ES) TO	O INDICATE NATUR	E OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYF	PE OF ACTION	
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize  Alter Casing  Casing Repair  Change Plans  Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (State Reclamation Recomplete Temporarily At Water Disposal	Well Integrity Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Dominion has relocated the access and pipeline corridor for this well following APD submission and prior to APD approval to avoid a proposed irrigation system at the request of the landowner representative. The submitted surface use agreement reflects approval of this new route. No changes have been made to the well site, surface use plan or drilling plan.

Attached please find an updated map set to replace those previously submitted with the APD.

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

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FILE COPY

FORM APPROVED

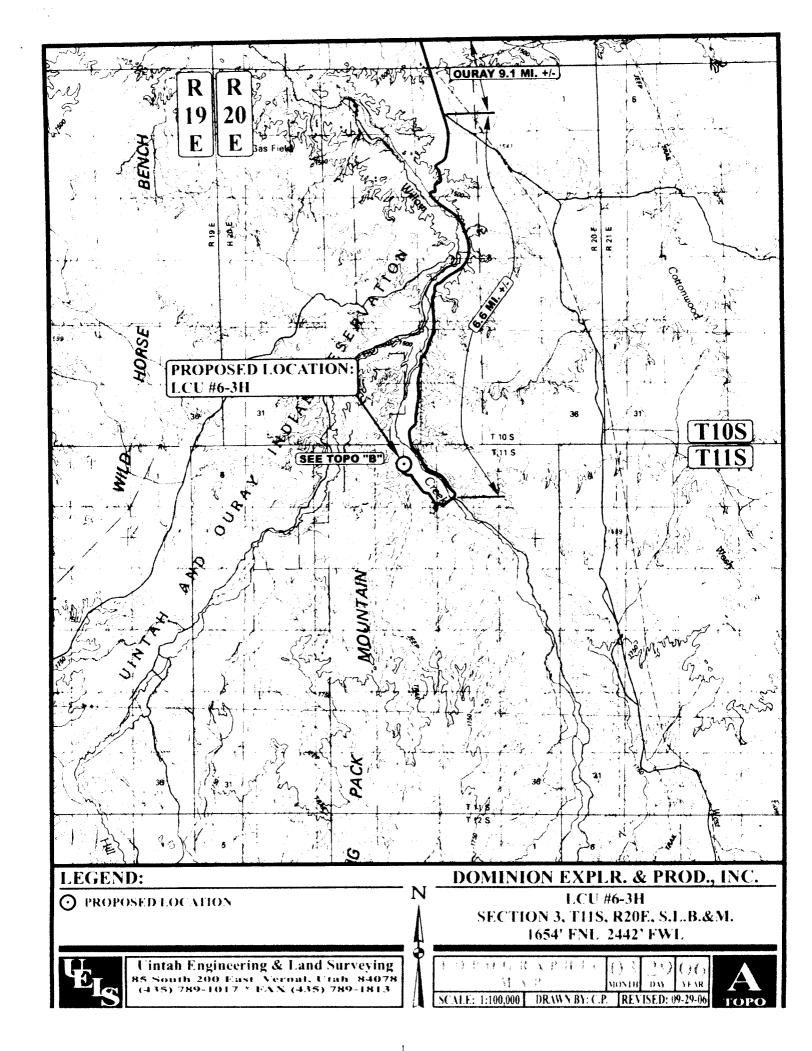
If Indian Allattan or Triba Nama

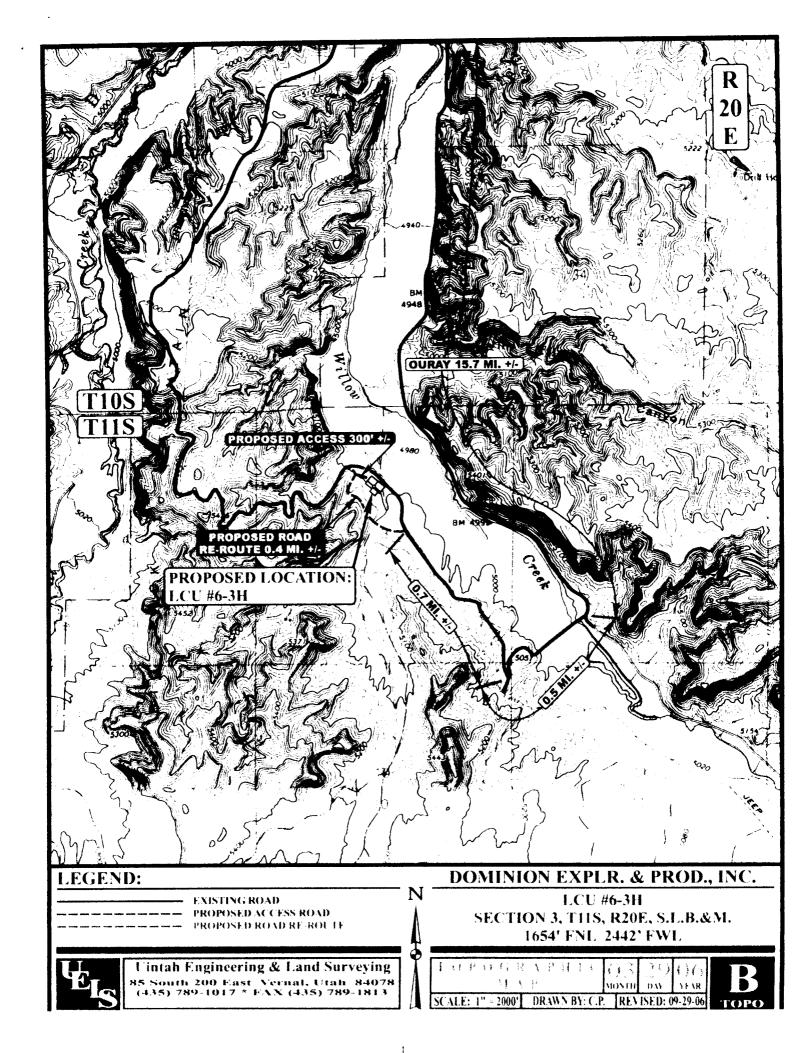
5. Lease Serial No. UTU-44090-A

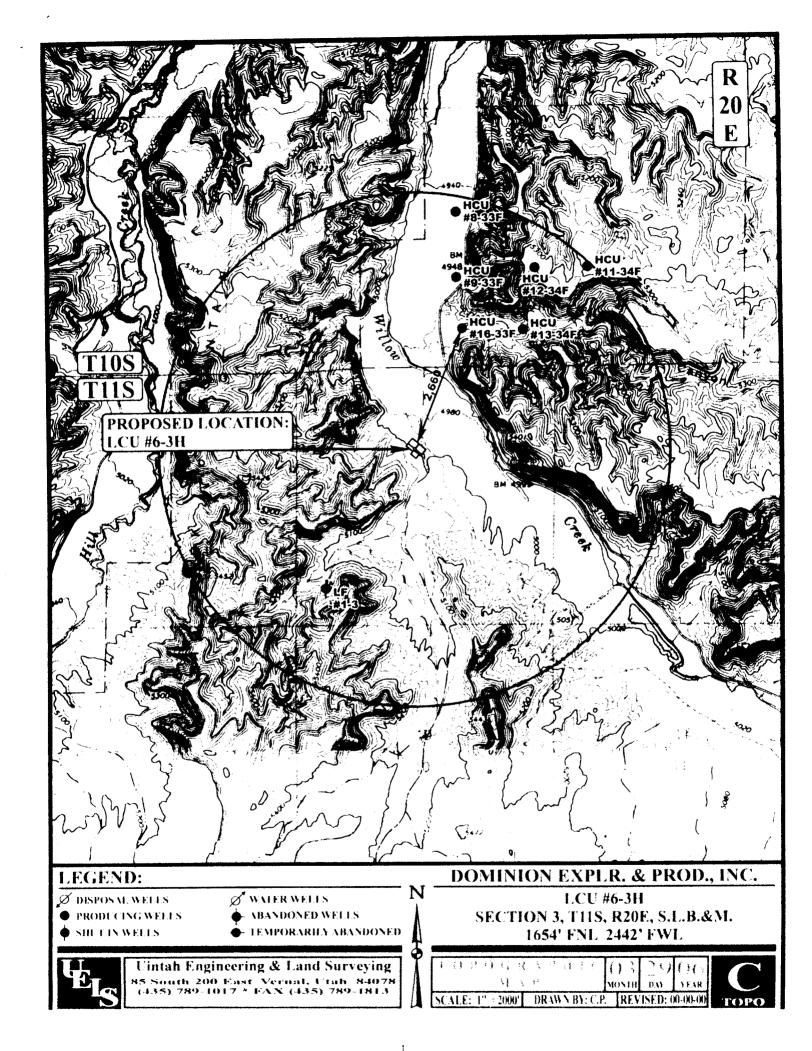
OM B No. 1004-0137 Expires: March 31, 2007

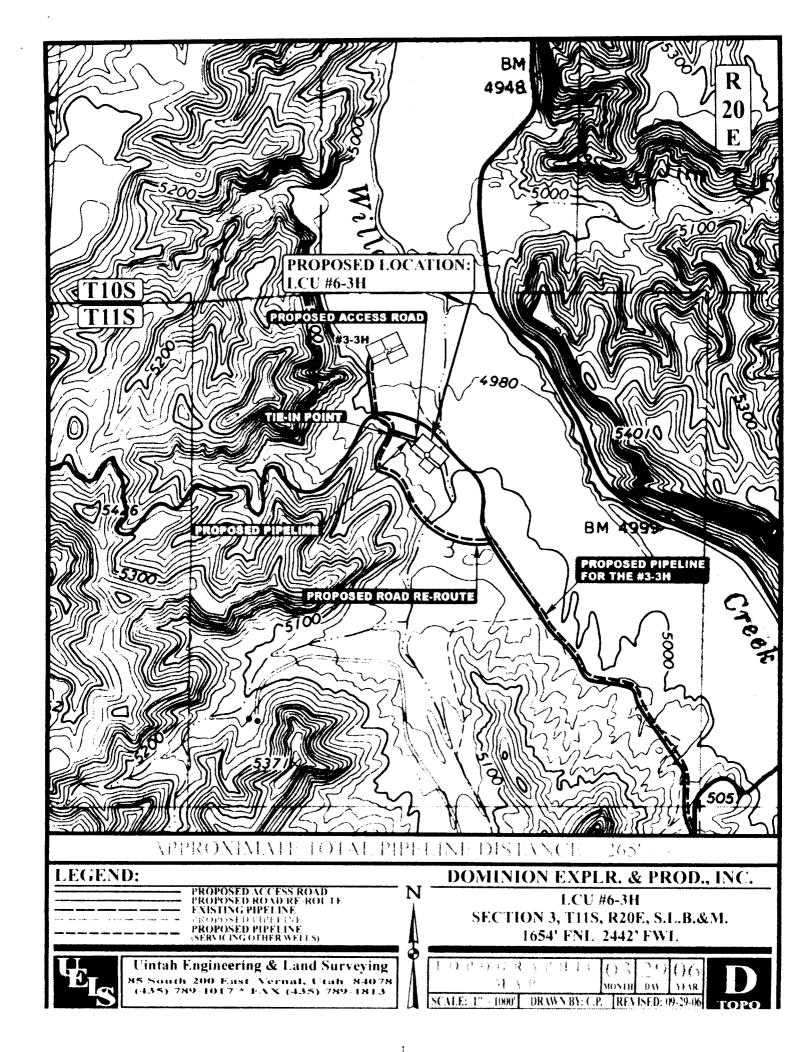
	- BUA		XIII V	_
<ol> <li>I hereby certify that the foregoing is true and corre Name (Printed/Typed)</li> </ol>	ect DIV. U	FOIL, GAS 3 M	INGVC	
Don Hamilton	Title !	Dominion Explora	tion & Production, Inc.	
Signature Don Hamilton	Date	12-12-06		
THIS SPACE	FOR FEDERAL OR	STATE OFFI	CE USE	_
Approved by		Title	Date	
Conditions of approval, if any, are attached. Approval of the certify that the applicant holds legal or equitable title to thow hich would entitle the applicant to conduct operations the	ose rights in the subject lease	Office		
THE 10 TEC C C 1001 4 TH- 42 TEC C. C	make it a prime for any parson I	lenousingly, and usillf	ally to make to any deportment or agency of the Uni	ted

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.









Form 3160-3 (February 2005)

# RECEIVED

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES

11 11 1 4 2006 | 5 Lease Serial No.

DEPARTMENT OF THE I				UTU-44090-A		
BUREAU OF LAND MANA				6. If Indian, Allotee	or Tribe ?	lame
APPLICATION FOR PERMIT TO D	DRILL	OR REENIER		N/A		
	n			7 If Unit or CA Agree	ment, Na	me and No.
la. Type of work: DRILL REENTE	ĸ			Little Canyon l		
	Γ7	le ca Chesca	. 7	8. Lease Name and W LCU 6-3H	ell No.	
lb. Type of Well: Oil Well Gas Well Other		Single Zone Multipl	e Zone	9. API Weli No.		
2 Name of Operator Dominion Exploration & Production, In				43,04	7.3	8838C
38 Audiest 14000 Canti physica v morrows and and a little of the control of the c		No. (inchide area code)		10. Field and Pool, or E	xpiorator	у
Oklahoma City, OK 73134		-749-5263		undesignated		
4. Location of Well (Report location clearly and in accordance with arry		urements.*)		11. Sec., T. R. M. or BI	k. and Su	rvey or Area
At surface 1,654' FNL & 2,442' FWL, SE/4 NW				Section 3, T118	s, R20E,	SLB&M
At proposed prod. zone 1,654' FNL & 2,442' FWL, SE/4 NW	· · · · · · · · · · · · · · · · · · ·			12. County or Parish		13. State
14. Distance in miles and direction from nearest town or post office* 13.57 miles south of Ouray, Utah				Uintah		UT
15. Distance from proposed*	16 No	of acres in lease	17. Spacing	Unit dedicated to this w	rell	
location to nearest	10					
property or lease line, ft. (Also to nearest drig. unit line, if any)  974'	309.20	6 acres	40 acr			
18. Distance from proposed location*	19. Prop	posed Depth	20. BLM/B	IA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft.	8,700	)'	WY 33	· · · · · · · · · · · · · · · · · · ·		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. App	roximate date work will star	t*	23 Estimated duration	1	
4,975' GR	1	10/01/2006		14 days		
		Attachments				
The following, completed in accordance with the requirements of Onshor	re Oil and	Gas Order No.1, must be at	tached to thi	s form:		
1. Well plat certified by a registered surveyor.		4. Bond to cover th	ne operation	as unless covered by an	existing	bond on file (see
2 A Drilling Plan.		Item 20 above).				
3. A Surface Use Plan (if the location is on National Forest System	Lands, th	6. Such other site		rmation and/or plans as	may be	required by the
SUPO must be filed with the appropriate Forest Service Office).		BLM.		imation and or press as		
25. Signature_	N	ame (Printed/Typed)			Date	
Don Hamilton		Don Hamilton			07/	12/2006
Title Agent for Dominion						
Approved by (Signature)	N	lamc (Printed/Typed)			Date	
An Konsek		JERRY KENIZI	KA		12-	20 -2006
Title Assistant Fisid Manager	0	Office	e a			
A A 4: DOCOLITORS		VERNAL F			- A:A1 - AL -	lionetto
Application approval does not warrant or certify that the applicant hole	ds legal or	requitable title to those righ	us in the sub	ecticase which would	annac me	applicantio
conduct operations thereon.  Conditions of approval, if any, are attached.						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a C States any false, fictitious or fraudulent statements or representations as	crime for a	any person knowingly and vatter within its jurisdiction.	willfully to n	nake to any department	or agency	of the United

\*(Instructions on page 2)

Accepted by the Utah Division of Oil, Gas and Mining

CONFIDENTIAL

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DIV. OF OIL, GAS & MINING

06BM1555A

CONDITIONS OF APPRO

NOTICE OF APPROVAL



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Dominion Exp. & Production Location: SENW, Sec 3, T11S, R20E

Well No: LCU 6-3H Lease No: UTU-44090-A API No: 43-047-38380 Agreement: Little Canyon Unit

Petroleum Engineer: Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Petroleum Engineer: Michael Lee Office: 435-781-4432 Cell: 435-828-7875 Petroleum Engineer: Cell: 435-828-Jim Ashley Office: 435-781-4470 Supervisory Petroleum Technician: Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 **Environmental Scientist:** Paul Buhler Office: 435-781-4475 Cell: 435-828-4029 Environmental Scientist: Karl Wright Office: 435-781-4484 Natural Resource Specialist: Holly Villa Office: 435-781-4404

Natural Resource Specialist: Holly Villa Office: 435-781-4404
Natural Resource Specialist: Melissa Hawk
After Hours Contact Number: 435-781-4513 Fax: 435-781-4410

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

### **NOTIFICATION REQUIREMENTS**

Location Construction - Forty-Eight (48) hours prior to construction of location and access roads. (Notify Karl Wright)

Location Completion - Prior to moving on the drilling rig. (Notify Karl Wright)

Spud Notice - Twenty-Four (24) hours prior to spudding the well. (Notify Petroleum Engineer)

Casing String & Cementing - Twenty-Four (24) hours prior to running casing and cementing all casing (Notify Jamie Sparger) - strings.

BOP & Related Equipment Tests - Twenty-Four (24) hours prior to initiating pressure tests. (Notify Jamie Sparger)

First Production Notice
- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 6 Well: LCU 6-3H

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- 1. Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs
- 2. The operator has agreed to:
  - bury the pipelines,
  - double felt and use a 16 mil liner for the pit,
  - berm the location on the side of the floodplain,
  - to reinforce the low water crossing with cobble and a liner,
  - and to place a cattle guard on the road, on the property line going up the canyon.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee will submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods.
- 4. The interim seed mix for reclamation would be:

Hy-crest Crested Wheatgrass Agropyron cristatum 4 lbs per acre
Western Wheatgrass Agropyron smithii 4 lbs per acre
Needle and Threadgrass Stipa comata 4 lbs per acre

- 5. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- 6. Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil re-spread over the surface; and, the surface re-vegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

COAs: Page 3 of 6 Well: LCU 6-3H

# DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

# SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- 1. A Cement Bond Log (CBL) shall be run from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.
- 2. The top of the production casing cement shall extend a minimum of 200 feet above the intermediate casing shoe.

### Variance granted:

Eighty foot long blooie line approved.

# DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

COAs: Page 4 of 6 Well: LCU 6-3H

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

- 6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

COAs: Page 5 of 6 Well: LCU 6-3H

Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

- 9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
  - All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- 10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.

COAs: Page 6 of 6 Well: LCU 6-3H

13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



# **DIVISION OF OIL, GAS AND MINING**

# **SPUDDING INFORMATION**

Name of Company: DOMINION EXPL & PROD INC					
Well Name:		LCU 6-3H			
Api No:	43-047-3838	0	Lease Type:	FEDERAL	
Section 03	_Township_11	S Range 20E	_CountyU	INTAH	
Drilling Con	tractor	BILL JRS	RIG #_	6	
SPUDDE	D:				
	Date	02/12/07			
	Time	9:00 PM	-		
	How	DRY	_		
Drilling w	ill Commend	:e:			
Reported by		PAT WISENER			
Telephone #		(435) 828-1455			
Date 0	2/13/2007	Signed	СНО		

#### **STATE OF UTAH** DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

#### **ENTITY ACTION FORM**

Operator:

Dominion Exploration & Production, Inc.

Operator Account Number: N 1095

Address:

14000 Quail Springs Parkway, Suite 600

city Oklahoma City

zip 73134 state OK

Phone Number: <u>(405) 749-5237</u>

Well 1

API Number	Wel	Well Name		Sec	Twp	Rng	County
43-047-38380	LCU 6-3H	CU 6-3H		3	118	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date 2/12/2007		Entity Assignment Effective Date		
A	99999	15939			2/2	3/22/07	
Comments:	NIRD		<b>1</b>		CUV	<u>IFINFI</u>	NTIAI

111110

OOM IDENINE

API Number	We	II Name	QQ	Sec	Twp	Rng	County
Action Code	Gurrent Entity Number	New Entity Number		 Spud Da	<b>te</b>	En	lity Assignment Effective Date
Comments:		.1					

Well 3

API Number	Well	Name	QQ	Sec	Twp	Rng	County
Action Gode	Gurrent Entity Number	New Entity Number		Spud Dat	•		lity Assignment Effective Date
Comments:							

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

**RECEIVED** 

FEB 2 2 2007

Regulatory Specialist

Barbara Lester

2/13/2007

(5/2000)

(August, 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

FORM A	FORM APPROVED						
OMB No.	1004-0135						

Expires: November 30, 2000	
. Lease Serial No.	
UTU-44090-A	

J. Lease Serial No.	
UTU-44090-A	
6. If Indian, Allottee or Tribe Name	

abandoned well. Use	e Form 3160-3 (APD) fo	or such proposals	•	o i maian, i monto di Tribe (Marie		
THE ENGINEER PROPERTY.	RAMA ACHUS (ASSAULT)	nson revektiva	and the second	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well		OONEIDE	LITINI	Little Canyon Unit		
Oil Well X Gas Well	Other	LUNFIUEI	MIIAL	8. Well Name and No.		
2. Name of Operator				LCU 6-3H		
Dominion Exploration & Production	on, Inc.			9. API Well No.		
3a. Address	43-047-38380					
14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134 (405) 749-5237				10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  1708' FSL & 2175' FWL, NESW, Sec. 28-10S-20E				Natural Buttes		
1708' FSL & 2175' FWL, NESW, Sec. 28-10S-20E 1654 FNL 2442 FWL				11. County or Parish, State		
				Uintah, UT		
12. CHECK APPROPRIATE	OTICE, REPO					
TYPE OF SUBMISSION		TYPE	OF ACTION			
Notice of Intent	Acidize	Deepen	Production (St	art/Resume) Water Shut-Off		
_	Altering Casing	Fracture Treat	Reclamation	Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete	X Other		
	Change Plans	Plug and Abandon	Temporarily Al	Spud Well		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposa			
Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)  2/12/07 - Spud well. Ran 53 jts 8-58", 32#, J-55, ST&C csg set @ 2237'. Cement lead w/250 sks Hi Fill V, 11.0 ppg, 3.82 yld. Tail w/200 sks Class G, 15.8 ppg, 1.15 yld w/partial returns. Pump w/150 sks tail Class G, 15.8 ppg, 1.15 yld w/good returns. Wait 1 hour, top off w/100 sks Class G, 15.8 ppg, 1.15 yld & 15 bbls cement to pit.						
<ol> <li>I hereby certify that the foregoing is true as Name (Printed/Typed)</li> </ol>	nd correct		ı			
Barbara Lester	10,	·····	Title	Regulatory Specialist		
Signature A MA (	Kush		Date	2/19/2007		
Section 1995 Section 1995 Section 1995						
Approved by			Title	Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or ed which would entitle the applicant to conduc	uitable title to those rights in	es not warrant or n the subject lease	Office			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED** FEB 2 6 2007



# WELL CHRONOLOGY REPORT

WELL NAME: LCU 6-3H

**DISTRICT: WESTERN** 

FIELD: NATURAL BUTTES 630

LOCATION: 1654' FNL 2442' FWL SEC 3 T 11S R 20E

**COUNTY & STATE: UINTAH** 

UT

CONTRACTOR:

Event No: 1

WI %: 100.00

AFE #: 0700449

API#: 43-047-38380

PLAN DEPTH:8,700

SPUD DATE: 02/02/07

DHC: \$630,560

CWC: \$726,990

AFE TOTAL: \$1,357,550

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$213,392.00

**EVENT CC: \$0.00** 

EVENT TC: \$213,392.00

WELL TOTL COST: \$213,392

**REPORT DATE: 02/14/07** 

MD: 2,250

TVD: 2,250

DAYS:

MW:

VISC:

Page: 1

DAILY: DC: \$213,392.00

TC: \$213,392.00

CUM: DC: \$213,392.00

CC: \$0.00

TC: \$213,392.00

CC:\$0.00

DAILY DETAILS: MIRU BILL JRS #6. SPUD WELL ON 2-12-07 @ 9:00PM. DRILLL 2250' OF 12.25" HOLE. RUN & SET 53 JT'S OF 8.625", 32#, J-55 CSGN @ 2237'/GL. CEMENT W/ 250 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD. THEN 200 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD, WITH PARTIAL RETURNS. THEN MIX & PUMP THRU 200' OF 1 INCH 150 SKS TAIL @ 15.8 PPG & 1.15 YLD. WITH GOOD RETURNS. WAIT 1 HOUR AND TOP OFF W/ 100 SKS @ 15.8

PPG & 1.15 YLD AND 15 BBLS CEMENT TO PIT.

From: Dominion Resources To: Utah Division of Oil, Gas & Mining

Date: 3/22/2007 Time: 12:49:24 PM

Page 1 of 2

**FACSIMILE COVER PAGE** 

To: Utah Division of Oil, Gas & Mining

Sent: 3/22/2007 at 10:59:28 AM

Subject : **LCU 6-3H**  From:

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Pages:

2 (including Cover)

43-047-38380 3 115 20e

**RECEIVED** MAR 2 2 2007



## WELL CHRONOLOGY REPORT

WELL NAME: LCU 6-3H

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

Event No: 1

LOCATION: 1654' FNL 2442' FWL SEC 3 T 11S R 20E

**COUNTY & STATE: UINTAH** AFE #: 0700449 CONTRACTOR:

SPUD DATE: 02/02/07

WI %: 100.00 DHC: \$630,560

API#: 43-047-38380 AFE TOTAL: \$1,357,550

PLAN DEPTH: 8,700

CWC: \$726,990

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$213,392.00

**EVENT CC: \$0.00** 

EVENT TC: \$213,392.00

WELL TOTL COST: \$213,392

REPORT DATE: 02/14/07

MD: 2,250

TVD: 2,250

DAYS:

MW:

VISC:

Page: 1

DAILY: DC: \$213,392.00

CC:\$0.00

TC:\$213,392.00

CUM: DC: \$213,392.00

CC: \$0.00

TC: \$213,392.00

DAILY DETAILS: MIRU BILL JRS #6. SPUD WELL ON 2-12-07 @ 9:00PM. DRILLL 2250' OF 12.25" HOLE. RUN & SET 53 JT'S OF 8.625", 32#, J-55 CSGN @ 2237'/GL. CEMENT W/ 250 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD. THEN 200 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD, WITH PARTIAL RETURNS. THEN MIX & PUMP THRU 200' OF 1 INCH 150 SKS TAIL @ 15.8 PPG & 1.15 YLD. WITH GOOD RETURNS. WAIT 1 HOUR AND TOP OFF W/ 100 SKS @ 15.8

PPG & 1.15 YLD AND 15 BBLS CEMENT TO PIT.

RECEIVED MAR 2 2 2007

From: Dominion Resources To: Utah Division of Oil, Gas & Mining

Date: 3/28/2007 Time: 4:14:14 PM

Page 1 of 2

**FACSIMILE COVER PAGE** 

To:

Utah Division of Oil, Gas & Mining

Sent:

3/28/2007 at 3:13:24 PM

Subject :

3/20/2007 at 3.13.

: LCU 6-3H

From:

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43-047-38380 3 115 20.e



#### WELL CHRONOLOGY REPORT

WELL NAME: LCU 6-3H

Event No: 1

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

LOCATION: 1654' FNL 2442' FWL SEC 3 T 11S R 20E

**COUNTY & STATE: UINTAH** 

**CONTRACTOR:** 

WI %: 100.00 AFE #: 0700449

PLAN DEPTH:8,700

SPUD DATE: 02/12/07

DHC: \$630,560

API#: 43-047-38380 AFE TOTAL: \$1,357,550

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$213,392.00

CWC: \$726,990 **EVENT CC: \$0.00** 

EVENT TC: \$213,392.00

**WELL TOTL COST: \$213,392** 

**REPORT DATE: 02/14/07** 

MD: 2,250

TVD: 2,250

DAYS:

MW:

VISC:

Page: 1

DAILY: DC: \$213,392.00

CC:\$0.00

TC:\$213,392.00

CUM: DC: \$213,392.00

CC: \$0.00

TC: \$213,392.00

DAILY DETAILS: MIRU BILL JRS #6. SPUD WELL ON 2-12-07 @ 9:00PM. DRILLL 2250' OF 12.25" HOLE. RUN & SET 53 JT'S OF 8.625", 32#, J-55 CSGN @ 2237'/GL. CEMENT W/ 250 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD. THEN 200 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD, WITH PARTIAL RETURNS. THEN MIX & PUMP THRU 200' OF 1 INCH 150 SKS TAIL @ 15.8 PPG & 1.15 YLD. WITH GOOD RETURNS. WAIT 1 HOUR AND TOP OFF W/ 100 SKS @ 15.8

PPG & 1.15 YLD AND 15 BBLS CEMENT TO PIT.

## **FACSIMILE COVER PAGE**

To: Utah Division of Oil, Gas & Mining

Sent: 4/10/2007 at 4:53:52 PM

From: Pages:

T115 RQOF 5-03 Subject: LCU 6-3H 43-047-38380

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2 (including Cover)

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**RECEIVED** APR 1 0 2007

DIV. OF OIL, GAS & MINING

CEMENT W/ 250 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD. THEN 200 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD, WITH PARTIAL RETURNS. THEN MIX & PUMP THRU 200' OF 1 INCH 150 SKS

TAIL @ 15.8 PPG & 1.15 YLD. WITH GOOD RETURNS. WAIT 1 HOUR AND TOP OFF W 100 SKS

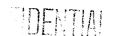
@ 15.8 PPG & 1.15 YLD AND 15 BBLS CEMENT TO PIT.

Page 1 of 1 DEPI Well Operations Chronology Report Well: LCU 6-3H API: 430473838000 Rpt No.: 1 DOL: DFS: Report Date: 2/14/2007 Operator: DOMINION EXPLORATION & PRODUCTION INC UW Rig Name Final Surface Location: Start Date: 12/26/2006 Spud Dt.: 2/2/2007 Type: Drill, complete, & equip an 8700' Wasatch/Mesaverde well Supervisor: PAT WISENER Engineer AFE No.: 0700449 Authorized Days Active Datum: GL @4,990.0ft (GROUND LEVEL) Ground Elev.: 4,990.00 Authorized MD/TVD: 14,490 CURRENT DEPTH HOLE SIZE MUD WEIGHT LAST CASING MD(ft) TVD(ft) 24 Hr. Progress SIZE MD TVD LOT(EMW) 2,250.00 2,250.00 2,250.0(ft) 0(") (") (ft) (ppg) FORMATION/TARGET NAME MD TOP (ft) TVD TOP (ft) NEXT CASING SIZE TVD (\*) (ft) Daily Detail: MIRU BILL JRS #6. SPUD WELL ON 2-12-07 @ 9:00PM. DRILLL 2250' OF 12.25" HOLE. RUN & Well Costs (\$) SET 53 JT'S OF 8 625", 32#, J-55 CSGN @ 2237'/GL

Date: 4/10/2007 Time: 5:49:40 PM

Daily Cost

**Cumulative Total** 



Actual

213 392 00

213,392.00

AFE

1,357,550.00

From: Dominion Resources To: Utah Division of Oil, Gas & Mining

Date: 4/18/2007 Time: 6:27:38 PM

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Page 1 of 2

**FACSIMILE COVER PAGE** 

To:

Sent:

Subject:

Utah Division of Oil, Gas & Mining

4/18/2007 at 4:25:20 PM

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Pages:

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43-049-38380

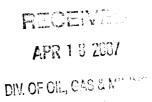
CONFIDENTIAL

RECEIVED APR 1 0 200/

Date: 4/18/2007 Time: 6:27:38 PM

		DEF	l Well Ope	rations Chro	nology Re	port		Page 1 of 1	
Well: LCU 5-3H		API: 430473838000		Rust No.:1	DOL	DES	Report Date: 2/14/	2007	
Operator: DOMINION E	KPLORATION & PRODU	ICTION INC		UWI:					
Rig Name:				Final Surface Location	1:				
Event DRILL		Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Drill, complete, &	equip an 8700' Wasatch/Me	esaverde well	
Supervisor: PAT WISEN	ervisor. PAT WISENER Engineer.			AFE No.: 0700449	- "	Authorized Days:			
	ctive Datum: GL @4,890.0ft (GROUND Ground Elev.: 4,890.00 LEVEL)			W:		Authorized MD/TVD: 14	4,490		
	CURRENT DE	PTH	HOLE SIZE	MUD WEIGHT		LAS			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)	
2,250.00	2,250.00	2,250.0(ft)	0(*)		(*)	(ft)	(ft)	(ppg)	
	FORMATION	TARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING		
						SIZE	MD	TVD	
						(*)	(ft)	(ft)	
		WELL ON 2-12-07 @ 9:0		OF 12.25" HOLE. RU	N &		Well Costs (\$)		
		#, J-55 CSGN @ 2237'/GI D MIXED @ 11.0 PPG & :		0 SKS TAIL MIXED @	15.8		AFE	Actual	
PPG 8	1.15 YLD, WITH PA	RTIAL RETURNS, THEN	MIX & PUMP THRU	J 200' OF 1 INCH 150	SKS	Dally Cost		213,392.00	
@ 15.	ಶ್ರ 13.0 PPG & 1.15 Y 8 PPG & 1.15 YLD AI	LD. WITH GOOD RETUR ND 15 BBLS CEMENT TO	NS. WALL 1 HOUR.	AND TOP OFF W/ 10	USKS	Cumulative Total	1,357,550 00	213,392.00	





From: Dominion Resources To: Utah Division of Oil, Gas & Mining

Date: 4/26/2007 Time: 5:00:30 PM

Page 1 of 2

**FACSIMILE COVER PAGE** 

Subject:

Utah Division of Oil, Gas & Mining To:

4/26/2007 at 3:06:54 PM Sent:

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From:

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43-047-38380

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RECEIVED APR 2 6 2007

DIV. OF OIL, GAS & MINING

Date: 4/26/2007 Time: 5:00:30 PM

		DÉP	l Well Oper	ations Chro	nology Re	port		Page 1 of 1	
Well: LCU 6-3H		API: 430473838000		Rpt No.: 1	DOL	OFS:	Report Date: 2714/	2007	
Operator: DOMINION EX	(PLORATION & PRODUC	CTION INC		UWI:					
Rig Name:				Final Surface Location	1:		3 4 4		
Event: DRILL	nt: DRILL Start Date: 12/26/2008			Spud Dt.: 2/2/2007		Type: Drill, complete, &	equip an 8780 Wasarch/M	esaverde well	
Supervisor: PAT WISEN	pervisor: PAT WISENER Engineer:			AFE No.: 0700449		Authorized Days:			
Active Datum: GL@4,: LEVEL)	ve Datum: GL @4,990.0ft (GROUND Ground Elev.: 4,990.00 LEVEL)			WI:		Authorized MD/TVD: 14	1,490		
	CURRENT DE	YTH	HOLE SIZE	MUD WEIGHT		LAS	T CASING		
MD(ft)	TVD( <del>ft</del> )	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)	
2,250.00	2,250.00	2,250.0(ft)	0(*)		(*)	(ft)	(ft)	(ppg)	
	FORMATION/	TARGET NAME		MD TOP (ft)	TVD TOP (T)		NEXT CASING		
					**************************************	SIZE	MD	TVD	
						(°)	(ft)	(ft)	
Daily Detail: MIRU	BILL JRS #6. SPUD \	WELL ON 2-12-07 @ 9:0	0PM. DRILLL 2250'	OF 12.25" HOLE. RU	JN &		Well Costs (\$)		
SET 5	3 JTS OF 8.625", 324	⊭, J-55 CSGN @ 2237'/GL D MIXED @ 11.0 PPG & :					AFE	Actual	
PPG 8	& 1.15 YLD, WITH PAI	RTIAL RETURNS. THEN	MIX & PUMP THRU	J 200' OF 1 INCH 150	SKS	Daily Cost		213,392.00	
		LD. WITH GOOD RETUR ND 15 BBLS CEMENT TO		AND TOP OFF W/ 10	00 SKS	Cumulative Total	1,357,550 00	213,392.00	

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DIV. OF OIL, GAS & MINING



Well: LCU 0-9H		AP1: 430473630000		Page No.: 1	dol:	ore:		
Operator: DOMINION E	(PLORATION & PRODUC	TION INC		UWI: 1654'FNL,2442'F	WL,SEC 3-11S-20E	SE/NW		
Rig Name:				Final Surface Location	ī.			
Event: DRILL	vent: DRILL Start Date: 12/26/2008			Spud Dt.: 2/2/2007	Spud Dt.: 2/2/2007 Type: Drill, complete, & equip an 8700' Wasatch/Mesaverde well			esaverde well
Supervisor: PAT WISEN	ER	Engineer:		AFE No.: 0700449		Authorized Days: Authorized MD/TVD: 14,475		
Active Datum: GL @4, LEVEL)		Ground Elev.: 4,975.00		WI: 100%				
	CURRENT DEP	TH	HOLE SIZE	MUD WEIGHT		LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
2,235.00	2,235.00	2,235.0(ft)	12-1/4(*)		n	(ft)	(ft)	(ppg)
	FORMATION/T	ARGET NAME		MID TOP (R)	TVD TOP (ft)		NEXT CASING	
WASATCH						SIZE	MD	TVD
MESAVERDE						8-5/8(")	(ft)	(ft)
		ÆLL ON 2-12-07 @ 9:00		OF 12.25" HOLE. RU	N &		Well Costs (5)	
		, J-55 CSGN @ 2237'/GL MIXED @ 11.0 PPG & 3		SKS TAIL MIXED 6	15.8		AFE	Actual
PPG ·	& 1.15 YLD, WITH PAR	TIAL RETURNS. THEN	MIX & PUMP THRU	200' OF 1 INCH 150	SKS	Daily Cost		213,392.00
TAIL	🕲 15.8 PPG & 1.15 YL	D. WITH GOOD RETURI	NS. WAIT 1 HOUR A	AND TOP OFF W/ 10	O SKS	Cumulative Total	1,357,550.00	213,392.00

		BOR			THE WALL			
The said to be the	a dispersion and and						1 9/11/11/20	
		PATRICIS SELECTION		Willer	Maria .	<b>Pitt</b>	Rissel Date (1/4)	
Operator: DOMINION EX	Operator: DOMINION EXPLORATION & PRODUCTION INC				WL,SEC 3-11S-20E	SE/NW		
Rig Name:				Final Surface Location	:			
Event: DRILL		Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Driff, complete, & eq	uip an 8700' Wasatch/M	esaverde well
Supervisor: PAT WISENE	R	Engineer:	-	AFE No.: 0700449		Authorized Days:		
Active Datum: GL @4,9 LEVEL)	tive Datum: GL @4,975.0ft (GROUND Ground Elev.: 4,975.00			WI: 100%		Authorized MD/TVD: 14,4	75	
	CORRECTOR	H State of	HOLE SIZE	MUD WEIGHT		LAST	CASING	,
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
2,235.00	2,235.00	2,250.0(ft)	0(")		(")	(ft)	(ft)	(ppg)
	FORMATION/T	ARGET NÄME	Marian Salah	MD TOP (ft)	TVD TOP (ft)	A A	NEXT CASING	
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail: MIRU E	BILL JRS #6. SPUD W	ELL ON 2-12-07 @ 9:00	DPM. DRILLL 2250' (	OF 12.25" HOLE. RU	N &		Well Costs (3)	
SET 53	JT'S OF 8.625", 32#,	J-55 CSGN @ 2237'/GL MIXED @ 11.0 PPG & 3					AFE	Actual
PPG &	1.15 YLD, WITH PAR	TIAL RETURNS. THEN	MIX & PUMP THRU	200' OF 1 INCH 150	SKS	Daily Cost	The adjust of the second of th	213,392.00
		D. WITH GOOD RETURI D 15 BBLS CEMENT TO		AND TOP OFF W/ 10	0 SKS	Cumulative Total	1,357,550.00	213,392.00

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DIV. OF OIL, GAS & MINING

# DEPI Well Operations Chronology RepoGONFIDENTIAL

Well: LCU 6-3H		API: 430473838000		Rpt No.: 1	DOL: 1	DF8: 0	Report Date: 2/14/	2007
	(PLORATION & PRODUCT	TON INC		UWI: 1654'FNL,2442'F	WL,SEC 3-11S-20E S	E/NW		
Name: PATTERSOR	N 12		-	Final Surface Location	:			
vent: DRILL	- Ar-	Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Drill, complete, & e	quip an 8700' Wasatch/M	esaverde well
upervisor: PAT WISEN	ER	Engineer: RICHARD HOWE	ill	AFE No.: 0700449		Authorized Days:		
ctive Datum: GL @4, GROUN	989.0ft (GRADED ID LEVEL)	Ground Elev.: 4,989.00		WI: 100%		Authorized MD/TVD: 14,	489	
	CURRENT DEPT	TH	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress		-	SIZE	MD	TVD	LOT(EMW)
2,250.00	2,250.00	2,250.0(ft)	•		8-5/8(")	2,237.0(ft)	4,989.0(ft)	(ppg)
	FORMATION/T	ADGET NAME	.,	MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
/ASATCH	PORMATION I	ANGELIONME		10. (.9	100 101 (10)	SIZE	MD	TVD
IESAVERDE						8-5/8(")	2,237.0(ft)	2,237.0(ft)
	DILL IDS #6 COLO M	ELL ON 2-12-07 @ 9:00	DM DPILL 2250/	NE 12 25" HOLE BU	N &		Wall Coats (\$)	
SET 5	3 JT'S OF 8.625", 32#,	J-55 CSGN @ 2237'/GL					Well Costs (\$)	Actual
CEME	NT W/ 250 SKS LEAD	MIXED @ 11.0 PPG & 3 TIAL RETURNS. THEN I	.82 YLD. THEN 200 MIX & PUMP THRU	SKS TAIL MIXED @ 200' OF 1 INCH 150	) 15.8 SKS	Daily Cost		213,392.00
TAIL	2 15.8 PPG & 1.15 YL	D. WITH GOOD RETURN	IS. WAIT 1 HOUR A	ND TOP OFF W/ 10	0 SKS	Cumulative Total	1,357,550.00	213,392.00
@ 15.	8 PPG & 1.15 YLD AND	0 15 BBLS CEMENT TO	PIT.				<u> </u>	
Vell: LCU 6-3H		API: 430473838000		Rpt No.: 1	DOL: 1	DF8: 0	Report Date: 6/1/2	007
<u> </u>	(PLORATION & PRODUCT	rion inc		UWI: 1854'FNL,2442'F		SE/NW		
tig Name: PATTERSO	N 12			Final Surface Location	:			
vent: DRILL		Start Date: 12/26/2008		Spud Dt.: 2/2/2007			quip an 8700' Wasatch/M	esaverde well
Supervisor: PAT WISEN		Engineer: RICHARD HOW		AFE No.: 0700449		Authorized Days:		
ctive Datum: GL @4, GROUN	989.0ft (GRADED ID LEVEL)	Ground Elev.: 4,989.00		WI: 100%		Authorized MD/TVD: 14,489		
	CURRENT DEP	тн	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVĎ	LOT(EMW)
2,250.00	2,250.00	0.0(ft)	7-7/8(*)	8.50(ppg)	8-5/8(")	2,237.0(ft)	2,237.0(ft)	(ppg)
	FORMATION/T	ARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
VASATCH						SIZÉ	MD	TVD
MESAVERDE			*****			5-1/2(")	8,700.0(ft)	8,700.0(ft)
Dally Detail: RIG [	OWN OFF THE BRILL	9-16F AND MOVE / RIG I	IP ON THE LCU 6-3	H.			Well Costs (\$)	
Daily Decail. INIO 1	JOHN OIT THE REE						AFE	Actual
						Daily Cost	1	30,200.00
							1 1	
							1,357,550.00	243,592.00
		<u></u>	<u></u>			Cumulative Total	1,357,550.00	
NoII: LCU 6-3H		API: 430473838000		Rpt No.; 2	DOL: 2	Cumulative Total  DFS: 6	1,357,550.00 Report Date: 9/2/2	
	XPLORATION & PRODUC			UWI: 1654'FNL,2442'	WL,SEC 3-11S-20E	Cumulative Total  DFS: 6	1	
Operator: DOMINION E		TION INC		UWI: 1854'FNL,2442'Final Surface Location	WL,SEC 3-11S-20E	Cumulative Total  DFS: 0  SE/NW	Report Date: 6/2/2	507
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL	N 12	TION INC Start Date: 12/26/2006		UM: 1654'FNL,2442'I Final Surface Location Spud Dt.: 2/2/2007	WL,SEC 3-11S-20E	Cumulative Total  DFS: 6  SE/NW  Type: Drill, complete, & 6	1	507
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN	N 12 IER	Start Date: 12/28/2006 Engineer: RICHARD HOW		UWI: 1854'FNL,2442'F Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449	WL,SEC 3-11S-20E	Cumulative Total  DPS: 6  SE/NW  Type: Drill, complete, & 6  Authorized Days:	Report Date: 9/2/2	507
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4	N 12 IER	TION INC Start Date: 12/26/2006		UM: 1654'FNL,2442'I Final Surface Location Spud Dt.: 2/2/2007	WL,SEC 3-11S-20E	Cumulative Total  DFS: 6  SE/NW  Type: Drill, complete, & 6	Report Date: 9/2/2	507
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4	N 12 IER 989.0ft (GRADED	Start Date: 12/28/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00		UWI: 1854'FNL,2442'F Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449	WL,SEC 3-11S-20E	Cumulative Total  DPS: 6  SE/NW  Type: Drill, complete, & c Authorized Days: Authorized MD/TVD: 14	Report Date: \$/2/2 equip an 8700' Wasatch/M	esaverde weil
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4	N 12 IER 989.0ft (GRADED ND LEVEL)	Start Date: 12/28/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00		UWI: 1654'FNL,2442'I Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100%	WL,SEC 3-11S-20E	Cumulative Total  DPS: 6  SE/NW  Type: Drill, complete, & c Authorized Days: Authorized MD/TVD: 14	Report Date: 9/2/2 equip an 8700' Wasatch/M	507
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4 GROUI	N 12  JER  JER  JER  JER  JER  JER  JER  JE	Start Date: 12/28/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00		UWI: 1654'FNL,2442'I Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100%	W.,SEC 3-11S-20E 3	Cumulative Total  DFS: 6  SE/NW  Type: Drill, complete, & a  Authorized Days:  Authorized MD/TVD: 14	Report Date: \$/2/2 equip an 8700' Wasatch/M	esaverde weil
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4 GROUI	N 12  JER 989.0R (GRADED VD LEVEL)  CURRENT DEP  TVD(R) 2,249.80	Start Date: 12/28/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00  TH  24 Hr. Progress 0.0(ft)	HOLE SIZE	UWI: 1654'FNL,2442'I Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  8.50(ppg)	SIZE	Cumulative Total  DFS: 6  SE/NW  Type: Drill, complete, & d  Authorized Days:  Authorized MD/TVD: 14  LAS1	Report Date: \$/2/2 equip an 8700' Wasatch/W .489  CASING  TVD	iesaverde well  LOT(EMW)
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4 GROUI	N 12  JER 989.01 (GRADED ND LEVEL)  CURRENT DEP  TVD(f)	Start Date: 12/28/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00  TH  24 Hr. Progress 0.0(ft)	HOLE SIZE	UWI: 1654'FNL,2442'I Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100%  MUD WEIGHT	SIZE 8-5/8(*)	Cumulative Total  DFS: 6  SE/NW  Type: Drill, complete, & d  Authorized Days:  Authorized MD/TVD: 14  LAS1	Report Date: \$/2/2 equip an 8700' Wasatch/M .489 T CASING TVD 2,237.0(ft)	iesaverde well  LOT(EMW)
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4 GROUI  MD(ft) 2,250.00	N 12  JER 989.0R (GRADED VD LEVEL)  CURRENT DEP  TVD(R) 2,249.80	Start Date: 12/28/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00  TH  24 Hr. Progress 0.0(ft)	HOLE SIZE	UWI: 1654'FNL,2442'I Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  8.50(ppg)	SIZE 8-5/8(*)	Cumulative Total  DPS: 6  SE/NW  Type: Drill, complete, & 6  Authorized Days:  Authorized MD/TVD: 14  LAS1  MD  2,237.0(ft)	Report Date: \$/2/2 equip an 8700' Wasatch/M ,489 T CASING TVD 2,237.0(ft) NEXT CASING	lesaverde weil  LOT(EMW)
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4 GROUI  MD(ft) 2,250.00  WASATCH MESAVERDE	N 12  JER  989.01 (GRADED  ND LEVEL)  CURRENT DEP  TVD(ft)  2.249.80  FORMATION/I	Start Date: 12/26/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00  TH  24 Hr. Progress 0.0(ft)  CARGET NAME	HOLE SIZE 7-7/8(*)	UWI: 1654'FNL,2442'T Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  8.50(ppg) MD TOP (ft)	SIZE 8-5/8(*)	Cumulative Total  DFS: 6  SE/NW  Type: Drill, complete, & 6  Authorized Days:  Authorized MD/TVD: 14  LAST  MD  2,237.0(t)	Report Date: \$/2/2  equip an 8700' Wasatch/M  .489  T CASING  TVD  2.237.0(ft)  NEXT CASING  MD  8.700.0(ft)	LOT(EMW) (PPg)
Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4 GROUI  MD(ft) 2,250.00  WASATCH MESAVERDE Datily Detail: NIPP	N 12  JER J989.0R (GRADED ND LEVEL)  CURRENT DEP  TVD(R)  2,249.80  FORMATION/I	Start Date: 12/28/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00  TH  24 Hr. Progress 0.0(ft)  CARGET NAME	HOLE SIZE  7-7/6(*)  ENT. RIG UP SURF/	UWI: 1854'FNL,2442'I Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  8.50(ppg) MD TOP (ft)	SIZE  8-5/8(')  TVD TOP (ft)	Cumulative Total  DFS: 6  SE/NW  Type: Drill, complete, & 6  Authorized Days:  Authorized MD/TVD: 14  LAST  MD  2,237.0(ft)  SIZE  5-1/2(")	Report Date: \$/2/2 squip an 8700' Wasatch/M .489  T CASING  TVD 2,237.0(ft)  NEXT CASING MD	LOT(EMW) (PPg)
Rig Name: PATTERSO Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4 GROUI  MO(ft)  2,250.00  WASATCH MESAVERDE  Daily Detail: NIPP CHAI UPPI	PARTION/T	Start Date: 12/26/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00  TH  24 Hr. Progress 0.0(ft)  CARGET NAME	HOLE SIZE  7-7/8(*)  ENT. RIG UP SURF/ PSI LOW & 3,000 F OKE MANIFOLD &	UWI: 1854'FNL,2442'I Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  8.50(ppg) MD TOP (ft)	SIZE  8-5/8(')  TVD TOP (ft)	Cumulative Total  DFS: 6  SE/NW  Type: Drill, complete, & 6  Authorized Days:  Authorized MD/TVD: 14  LAST  MD  2,237.0(ft)  SIZE  5-1/2(")	Report Date: \$/2/2  equip an 8700' Wasatch/M  .489  T CASING  TVD  2.237.0(ft)  NEXT CASING  MD  8.700.0(ft)  Well Costs (\$)	LOT(EMW) (ppg) TVD 8,700.0(ft)

					DOL: 3	DFS: 1	Report Date: 6/3/2	667		
Well: LCU 8-SH		API: 430473838000		Rpt No.: 3 UW: 1654'FNL,2442'F			report Dear. das	<u> </u>		
	PLORATION & PRODUCT	ION INC		Final Surface Location				· <del>-</del>		
Rig Name: PATTERSON	12			Soud Dt.: 2/2/2007	·	Type: Drill, complete, & ec	uin en 8700' Wesetch/M	assverte well		
Event: DRILL		Start Date: 12/26/2006				Authorized Days:	dub all 0.00 Masaicine	03470100 WOII		
Supervisor: PAT WISENE		Engineer: RICHARD HOW	ELL	AFE No.: 0700449	<del></del>	Authorized MD/TVD: 14,4				
Active Datum: GL @4,9 GROUNI	89.0ft (GRADED D LEVEL)	Ground Elev.: 4,989.00		WI: 100%		Additionzed MiD/1705. 14,4				
	CURRENT DEPT	Н	HOLE SIZE	MUD WEIGHT		LAST	CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)		
3,706.00	3,704.74	1,458.0(ft)	7-7/8(")	8.50(ppg)	8-5/8(*)	2,237.0(ft)	2,237.0(ft)	(ppg)		
	FORMATION/T	ARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING			
WASATCH						SIZE	MD	TVD		
MESAVERDE						5-1/2(")	8,700.0(ft)	8,700.0(ft)		
Dath. Datall. INSTA	LL WEAR RING.						Well Costs (\$)			
TALLY	' IN HOLE W/ BHA & D						AFE I	Actual		
	W DRILL STRING TO \ ERVICE & BOP DRILL	NT PIPE & INSTALL CO	RROSION RINGS.			Dally Cast	<del>                                     </del>	26,675.00		
	EMENT @ 2181' DRIL					Daily Cost	1,357,550.00	302,837.00		
		PTH OF 2342'. W/ 15K V				Cumulative Total	1,337,330.00	302,307.30		
		SI. WIRELINE SURVEY PTH OF 3420'. W/ 15K V								
WIRE	INE SURVEY @ 3341	' = 1.75*								
Well: LCU 8-3H	FROM 3420 TO A DE	PTH OF 3706', W/ 15K V	VOB & 35 KFM3.	Rpt No.: 4	DOL: 4	DFS: 2	Report Date: 6/4/2	2007		
	PLORATION & PRODUC	L		UWI: 1654'FNL,2442'F						
<u> </u>	<del>.</del>	TION INC		Final Surface Location						
Rig Name: PATTERSON	1 12	Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Drill. complete. & ed	guip an 8700' Wasatch/N	fesaverde well		
Event: DRILL		Engineer: RICHARD HOW	=11	AFE No.: 0700449		Type: Drill, complete, & equip an 8700' Wasatch/Mesaverde well		Authorized Days:		
Supervisor: PAT WISENI		<del>-</del>		WI: 100%		Authorized Days: Authorized MD/TVD: 14,489		****		
Active Datum: GL @4,9 GROUN	089.0ft (GRADED D LEVEL)	Ground Elev.: 4,989.00		VVI: 100%		Authorized IMD/1 VD. 14,				
	CURRENT DEP	ГН	HOLE SIZE	MUD WEIGHT		LAST	CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)		
	5,540.10						+			
5,544.00	3,340.10	1,838.0(ft)	7-7/8(*)	8.60(ppg)	8-5/8(")	2,237.0(ft)	2,237.0(ft)	(ppg)		
5,544.00			7-7/8(*)	1		2,237.0(ft)		(ppg)		
	FORMATION/T		7-1/8(*)	8.60(ppg)  MD TOP (ft)	8-5/8(*)  TVD TOP (R)		2,237.0(ft)  NEXT CASING  MD	(ppg)		
WASATCH			7-1/8(*)	1		SIZE	NEXT CASING			
WASATCH MESAVERDE	FORMATION/T	ARGET NAME		1			NEXT CASING	TVD		
WASATCH MESAVERDE Daily Detail: DRLG	FORMATION/T	ARGET NAME  PTH OF 4403'. W/ 18K \		1		SIZE	MEXT CASING MD 8,700.0(ft) Well Costs (\$)	TVD 8,700.0(ft)		
WASATCH MESAVERDE  Daily Detail: DRLG RIG S	FROM 3706' TO A DE ERVICE & WIRELINE	ARGET NAME	NOB & 55 RPMS.	1		SIZE	NEXT CASING MD 8,700.0(ft)	TVD		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S RIG S	FORMATION/T FROM 3706' TO A DE ERVICE & WIRELINE FROM 4403' TO A DE ERVICE.	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4* PTH OF 4815'. W/ 18K \	NOB & 55 RPMS.	1		SIZE	MEXT CASING MD 8,700.0(ft) Well Costs (\$)	TVD 8,700.0(ft)		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG	FORMATION/T FROM 3706' TO A DE ERVICE & WIRELINE FROM 4403' TO A DE ERVICE.	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4* PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI	NOB & 55 RPMS.	1		SIZE 5-1/2(*)	MEXT CASING MD 8,700.0(ft) Well Costs (\$)	TVD 8,700.0(ft) Actual		
WASATCH MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE.  FROM 4815' TO 5417  LINE SURVEY @ 5338	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4* PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI	WOB & 55 RPMS. WOB & 55 RPMS. MS.	1	TVD TOP (ft)	SIZE 5-1/2(*)  Daily Cost  Cumulative Total	MEXT CASING MD 8,700.0(ft) Well Costs (\$) AFE 1,357,550.00	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
MASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG WHE	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4* PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '' = 2.25* PTH OF 5544'. W/ 18K \ API: 430473838000	WOB & 55 RPMS. WOB & 55 RPMS. MS.	MD TOP (ft)	TVD TOP (ft)	SIZE 5-1/2(*)  Daily Cost  Curnulative Total  DFS: 3	NEXT CASING MD 8,700.0(n) Well Costs (\$) AFE	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG WWRE DRLG	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE.  FROM 4815' TO 5417  LINE SURVEY @ 5338	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4* PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '' = 2.25* PTH OF 5544'. W/ 18K \ API: 430473838000	WOB & 55 RPMS. WOB & 55 RPMS. MS.	MD TOP (ft)	TVD TOP (ft)	SIZE 5-1/2(*)  Daily Cost  Curnulative Total  DFS: 3	MEXT CASING MD 8,700.0(ft) Well Costs (\$) AFE 1,357,550.00	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG WIRE DRLG  Well: LCU 6-3H  Operator: DOMINION E	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE.  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4* PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '' = 2.25* PTH OF 5544'. W/ 18K \ API: 430473838000	WOB & 55 RPMS. WOB & 55 RPMS. MS.	Rpt No.: 5 UW: 1654'FNL,2442' Final Surface Location	TVD TOP (R)  DOL: 5  FWL.SEC 3-11S-20E	SIZE 5-1/2(*)  Daily Cost  Cumulative Total  DF8: 3  SE/NW	NEXT CASING  MD 8,700.0(ft)  Well Costs (\$)  AFE  1,357,550.00  Report Date: 4/5/	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG  Well: LCU 6-3H  Operator: DOMINION EX RIG Name: PATTERSON	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE.  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4* PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '' = 2.25* PTH OF 5544'. W/ 18K \ API: 430473838000	WOB & 55 RPMS. WOB & 55 RPMS. MS.	Rpt No.: 5  UWI: 1854*FNL,2442* Final Surface Location Spud Dt.: 2/2/2007	TVD TOP (R)  DOL: 5  FWL.SEC 3-11S-20E	SIZE 5-1/2(*)  Daily Cost  Cumulative Total  DFS: \$  SE/NW  Type: Drili, complete, & e	NEXT CASING  MD 8,700.0(ft)  Well Costs (\$)  AFE  1,357,550.00  Report Date: 4/5/	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG  Well: LCU 6-3H  Operator: DOMINION EX RIG Name: PATTERSON	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE.  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE  (PLORATION & PRODUC	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4* PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '' = 2.25* PTH OF 5544'. W/ 18K \ API: 430473838000	NOB & 55 RPMS. NOB & 55 RPMS. MS. NOB & 50 RPMS.	Rpt No.: 5 UW: 1654'FNL,2442' Final Surface Location	TVD TOP (R)  DOL: 5  FWL.SEC 3-11S-20E	SIZE 5-1/2(')  Daily Cost  Cumulative Total  DFS: \$  SE/NW  Type: Drill, complete, & e  Authorized Days:	NEXT CASING MD 8,700.0(ft) Well Costs (\$) AFE 1,357,550.00 Report Date: 4/5/	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG  Well: LCU 4-3H  Operator: DOMINION ED RIG Name: PATTERSO! Event: DRILL  Supervisor: PAT WISEN  Active Datum: GL @4:	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE  (PLORATION & PRODUC  N 12  ER  889.01 (GRADED	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4" PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI 1' = 2.25" PTH OF 5544'. W/ 18K \ APt: 439473938000 TION INC	NOB & 55 RPMS. NOB & 55 RPMS. MS. NOB & 50 RPMS.	Rpt No.: 5  UWI: 1854*FNL,2442* Final Surface Location Spud Dt.: 2/2/2007	TVD TOP (R)  DOL: 5  FWL.SEC 3-11S-20E	SIZE 5-1/2(*)  Daily Cost  Cumulative Total  DFS: \$  SE/NW  Type: Drili, complete, & e	NEXT CASING MD 8,700.0(ft) Well Costs (\$) AFE 1,357,550.00 Report Date: 4/5/	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG  Well: LCU 6-3H  Operator: DOMINION ED RIG Name: PATTERSO!  Event: DRILL  Supervisor: PAT WISEN  Active Datum: GL 644	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE:  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE  RPLORATION & PRODUC  N 12  ER	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4" PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '. = 2.25" PTH OF 5544'. W/ 18K \ API: 439473838990 TION INC  Start Date: 12/28/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00	NOB & 55 RPMS. NOB & 55 RPMS. MS. NOB & 50 RPMS.	Rpt No.: 5 UWI: 1654*FNL,2442* Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449	TVD TOP (R)  DOL: 5  FWL.SEC 3-11S-20E	SIZE 5-1/2(*)  Daily Cost  Cumulative Total  DF8: 3  SE/NW  Type: Drill, complete, & e  Authorized Days:  Authorized MD/TVD: 14,	NEXT CASING MD 8,700.0(ft) Well Costs (\$) AFE 1,357,550.00 Report Date: 4/5/	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG  Well: LCU 4-3H  Operator: DOMINION ED RIG Name: PATTERSO! Event: DRILL  Supervisor: PAT WISEN  Active Datum: GL 44:	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE.  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE  (PLORATION & PRODUC  N 12  ER  B89.01 (GRADED  D LEVEL)	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4" PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '. = 2.25" PTH OF 5544'. W/ 18K \ API: 439473838990 TION INC  Start Date: 12/28/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00	NOB & 55 RPMS. NOB & 55 RPMS. MS. NOB & 50 RPMS.	Rpt No.: 5 UW: 1854*FNL,2442* Final Surface Location Spud Dt: 2/2/2007 AFE No.: 0700449 WI: 100%	TVD TOP (R)  DOL: 5  FWL.SEC 3-11S-20E	SIZE 5-1/2(*)  Daily Cost  Cumulative Total  DF8: 3  SE/NW  Type: Drill, complete, & e  Authorized Days:  Authorized MD/TVD: 14,	NEXT CASING MO 8,700.0(ft) Well Costs (\$) AFE  1,357,550.00  Report Date: 4/5/	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WORLE DRLG WEELCU 6-3H  Operator: DOMINION EX RIG Name: PATTERSOI Event: DRILL  Supervisor: PAT WISEN Active Datum: GL @4: GROUN	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE  (PLORATION & PRODUC  N 12  ER  B89.01 (GRADED  ID LEVEL)  CURRENT DEP	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4" PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '. = 2.25" PTH OF 5544'. W/ 18K \ API: 430473838080 TION INC  Start Date: 12/26/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00	NOB & 55 RPMS. NOB & 55 RPMS. MS. NOB & 50 RPMS.	Rpt No.: 5 UW: 1854*FNL,2442* Final Surface Location Spud Dt: 2/2/2007 AFE No.: 0700449 WI: 100%	TVD TOP (ft)  DOL: 8	SIZE 5-1/2(*)  Daily Cost  Curnulative Total  DF8: \$  SE/NW  Type: Drill, complete, & e  Authorized Days:  Authorized MD/TVD: 14,	NEXT CASING  MO 8,700.0(ft)  Well Costs (\$)  AFE  1,357,550.00  Report Date: 4/5/	TVD 8,700.0(ft) Actual 32,740.00 335,577.00		
MASATCH MESAVERDE  Dally Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG WIRE DRLG WEEL: LCU C-SH  Operator: DOMINION ED RIG Name: PATTERSON Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4: GROUN	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE.  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE  (PLORATION & PRODUC  N 12  ER  B89.0ft (GRADED  ID LEVEL)  CURRENT DEP  TVD(ft)  6.618.53	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4" PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '. = 2.25" PTH OF 5544'. W/ 18K \ API: 439473838990  TION INC  Start Date: 12/26/2006  Engineer: RICHARD HOW \ Ground Elev.: 4,989.00  TH  24 Hr. Progress  1.079.0(ft)	WOB & 55 RPMS. WOB & 55 RPMS. MS. WOB & 50 RPMS.	Rpt No.: 5 UW: 1854*FNL,2442* Final Surface Location Spud Dt: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT 8.60(ppg)	DOL: 8 FWL,SEC 3-11S-20E	SIZE 5-1/2(*)  Daily Cost  Cumulative Total  DFS: 3  SENW  Type: Drill, complete, & e Authorized Days:  Authorized MD/TVD: 14,  LAST	NEXT CASING MO 8,700.0(n) Well Costs (\$) AFE  1,357,550.00  Report Date: 4/8/	TVD 8,700.0(ft) Actual 32,740.00 335,577.00 2067		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WORLE DRLG WORLE WORLE RIG NAME: PATTERSOI Event: DRILL  Supervisor: PAT WISEN Active Datum: GL Q4, GROUN  MD(ft)  6,623,00	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE.  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE  (PLORATION & PRODUC  N 12  ER  B89.0ft (GRADED  ID LEVEL)  CURRENT DEP  TVD(ft)  6.618.53	PTH OF 4403', W/ 18K NSURVEY @ 4328' = 4" PTH OF 4815', W/ 18K NO 8 55 RPI 1' = 2.25" PTH OF 5544', W/ 18K NA PI: 430473838000 TION INC  Start Date: 12/26/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00  TH  24 Hr. Progress	WOB & 55 RPMS. WOB & 55 RPMS. MS. WOB & 50 RPMS.	Rpt No.: 5 UW: 1654'FNL,2442' Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 W: 100% MUD WEIGHT	DOL: 5	SIZE 5-1/2(*)  Daily Cost  Cumulative Total  DFS: 3  SENW  Type: Drill, complete, & e Authorized Days:  Authorized MD/TVD: 14,  LAST	NEXT CASING MD 8,700.0(ft) Well Costs (\$) AFE  1,357,550.00  Report Date: 4/5/  quip an 8700' Wasatch/A 489  CASING TVD 2,237.0(ft)	TVD 8,700.0(ft) Actual 32,740.00 335,577.00 2067		
MASATCH MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WEEL DRLG WEEL DRLG WEEL RIG NAME: PATTERSOI Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4: GROUN  MD(ft) 6,623.00	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE  FROM 4403' TO A DE  ERVICE.  FROM 4815' TO 5417  LINE SURVEY @ 5338  FROM 5417' TO A DE  (PLORATION & PRODUC  N 12  ER  B89.0ft (GRADED  ID LEVEL)  CURRENT DEP  TVD(ft)  6.618.53	PTH OF 4403'. W/ 18K \ SURVEY @ 4328' = 4" PTH OF 4815'. W/ 18K \ '. W/ 18K WOB & 55 RPI '. = 2.25" PTH OF 5544'. W/ 18K \ API: 439473838990  TION INC  Start Date: 12/26/2006  Engineer: RICHARD HOW \ Ground Elev.: 4,989.00  TH  24 Hr. Progress  1.079.0(ft)	WOB & 55 RPMS. WOB & 55 RPMS. MS. WOB & 50 RPMS.	Rpt No.: 5 UW: 1854*FNL,2442* Final Surface Location Spud Dt: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT 8.60(ppg)	DOL: 5	SIZE 5-1/2(')  Daily Cost Cumulative Total  DFS: 3  SE/NW  Type: Drili, complete, & e Authorized Days: Authorized MD/TVD: 14,  LAST  MD  2,237.0(ft)	NEXT CASING MD 8,700.0(ft) Well Costs (\$) AFE  1,357,550.00  Report Date: 4/5/  489  CASING TVD 2,237.0(ft)  NEXT CASING	TVD 8,700.0(ft)  Actual 32,740.00 335,577.00  2007		
WASATCH WESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG WIRE DRLG WEE: LCU C-SH  Operator: DOMINION ED  Event: DRILL Supervisor: PAT WISEN Active Datum: GL @4: GROUN  MD(ft) 6,823.00  WASATCH MESAVERDE	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE FROM 4403' TO A DE  ERVICE. FROM 4815' TO 5417  LINE SURVEY @ 5338 FROM 5417' TO A DE  (PLORATION & PRODUC  N 12  ER  B89.0ft (GRADED  ID LEVEL)  CURRENT DEP  TVD(ft)  6.618.53	ARGET NAME  PTH OF 4403'. W/ 18K NSURVEY @ 4328' = 4" PTH OF 4815'. W/ 18K NF	WOB & 55 RPMS. WOB & 55 RPMS. MS. WOB & 50 RPMS.  ELL  HOLE SIZE  7-7/8(1)	Rpt No.: 5 UW: 1854*FNL,2442* Final Surface Location Spud Dt: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT 8.60(ppg)	DOL: 5	SIZE 5-1/2(')  Daily Cost Cumulative Total  DFS: 3  SE/NW  Type: Drill, complete, & e Authorized Days: Authorized MD/TVD: 14,  LAST  MD  2,237.0(ft)	NEXT CASING  MD 8,700.0(n)  Well Costs (\$)  AFE  1,357,550.00  Report Date: 4/6/2  quip an 8700' Wasatch/A  489  CASING  TVD 2,237.0(n)  NEXT CASING  MD 8,700.0(n)	TVD 8,700.0(ft)  Actual 32,740.00 335,577.00  2007  Adesaverde well LOT(EMW) (ppg)		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG WIRE DRLG  Well: LCU \$3H  Operator: DOMINION ED RIG Name: PATTERSON  Event: DRILL Supervisor: PAT WISEN  Active Datum: GL 64: GROUN  MD(ft) 6,823.00  WASATCH  MESAVERDE  Daily Detail: DRLG	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE FROM 4403' TO A DE  ERVICE. FROM 4815' TO 5417  LINE SURVEY @ 5338 FROM 5417' TO A DE  (PLORATION & PRODUC  N 12  ER  B89.0ft (GRADED  ID LEVEL)  CURRENT DEP  TVD(ft)  6.618.53	ARGET NAME  PTH OF 4403', W/ 18K NSURVEY @ 4328' = 4" PTH OF 4815', W/ 18K NOB & 55 RPI 1' = 2.25" PTH OF 5544', W/ 18K NOB	WOB & 55 RPMS. WOB & 55 RPMS. MS. WOB & 50 RPMS.  ELL  HOLE SIZE  7-7/8(1)	Rpt No.: 5 UW: 1854*FNL,2442* Final Surface Location Spud Dt: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT 8.60(ppg)	DOL: 5	SIZE 5-1/2(')  Daily Cost Cumulative Total  DFS: 3  SE/NW  Type: Drill, complete, & e Authorized Days: Authorized MD/TVD: 14,  LAST  MD  2,237.0(ft)	NEXT CASING  MD 8,700.0(n)  Well Costs (\$)  AFE  1,357,550.00  Report Date: 4/6/2  quip an 8700' Wasatch/A  489  CASING  TVD 2,237.0(n)  NEXT CASING  MD 8,700.0(n)  Well Costs (\$)	TVD 8,700.0(ft)  Actual 32,740.00 335,577.00  2007  LOT(EMW) (ppg)  TVD 8,700.0(ft)		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG WIRE DRLG WIRE DRLG WIRE DRLG WORE DRLG RIG RIG RIG RIG RIG RIG RIG RIG RIG RI	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE FROM 4403' TO A DE  ERVICE. FROM 4815' TO 5417  LINE SURVEY @ 5338 FROM 5417' TO A DE  (PLORATION & PRODUC N 12  ER  B89.0ft (GRADED D LEVEL)  CURRENT DEP  TVD(ft) 6,618.53  FORMATION/T	PTH OF 4403'. W/ 18K SURVEY @ 4328' = 4" PTH OF 4815'. W/ 18K WOB & 55 RPI 1' = 2.25" PTH OF 5544'. W/ 18K W APt: 430473838000 TION INC  Start Date: 12/26/2006 Engineer: RICHARD HOW Ground Elev.: 4,989.00  TH 24 Hr. Progress 1,079.0(ft)  ARGET NAME  EPTH OF 5957'. W/ 18K RILL. (90 SEC).	NOB & 55 RPMS. NOB & 55 RPMS. MS. NOB & 50 RPMS.  ELL  HOLE SIZE  7-7/8(*)	Rpt No.: 5 UW: 1854*FNL,2442* Final Surface Location Spud Dt: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT 8.60(ppg)	DOL: 5	SIZE 5-1/2(¹)  Daily Cost Cumulative Total  DFS: 3  SE/NW  Type: Drill, complete, & e Authorized Days: Authorized MD/TVD: 14,  LAST  MD 2,237.0(t)  SIZE 5-1/2(¹)	NEXT CASING  MD 8,700.0(n)  Well Costs (\$)  AFE  1,357,550.00  Report Date: 4/6/2  quip an 8700' Wasatch/A  489  CASING  TVD 2,237.0(n)  NEXT CASING  MD 8,700.0(n)	TVD 8,700.0(ft)  Actual 32,740.00 335,577.00  2007  Actual 10 10 10 10 10 10 10 10 10 10 10 10 10		
WASATCH  MESAVERDE  Daily Detail: DRLG RIG S DRLG RIG S DRLG WIRE DRLG WASATCH MESAVERDE  DRIJ DRLG DRLG DRLG DRLG DRLG DRLG DRLG DRLG	FORMATION/T  FROM 3706' TO A DE  ERVICE & WIRELINE FROM 4403' TO A DE  ERVICE. FROM 4815' TO 5417  LINE SURVEY @ 5338 FROM 5417' TO A DE  (PLORATION & PRODUC N 12  ER  B89.0ft (GRADED D LEVEL)  CURRENT DEP  TVD(ft) 6,618.53  FORMATION/T	ARGET NAME  PTH OF 4403'. W/ 18K NSURVEY @ 4328' = 4" PTH OF 4815'. W/ 18K N/ 18K N/ 18K WOB & 55 RPI 1' = 2.25' PTH OF 5544'. W/ 18K N/ 18K N	NOB & 55 RPMS. NOB & 55 RPMS. MS. NOB & 50 RPMS.  ELL  HOLE SIZE  7-7/8(*)	Rpt No.: 5 UW: 1854*FNL,2442* Final Surface Location Spud Dt: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT 8.60(ppg)	DOL: 5	SIZE 5-1/2(')  Daily Cost Cumulative Total  DFS: 3  SE/NW  Type: Drill, complete, & e Authorized Days: Authorized MD/TVD: 14,  LAST  MD  2,237.0(ft)	NEXT CASING  MD 8,700.0(n)  Well Costs (\$)  AFE  1,357,550.00  Report Date: 4/6/2  quip an 8700' Wasatch/A  489  CASING  TVD 2,237.0(n)  NEXT CASING  MD 8,700.0(n)  Well Costs (\$)	TVD 8,700.0(ft)  Actual 32,740.00 335,577.00  2007  LOT(EMW) (ppg)  TVD 8,700.0(ft)		

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Well: LCU 6-3H		API: 438473838000		Rpt No.: 6	DOL: 6	DF8: 4	Report Date: 6/6/20	067
Operator: DOMINION EXP	PLORATION & PRODUC	TION INC		UWI: 1654'FNL,2442'F	WL,SEC 3-11S-20E	SE/NW		
Rig Name: PATTERSON	12			Final Surface Location	1			
Event: DRILL		Start Date: 12/26/2006		Spud Dt.: 2/2/2007	Type: Drill, complete, & equip an 8700' Wasatch/Mesaverde well			esaverde well
Supervisor: PAT WISENE	R	Engineer: RICHARD HOW	ELL	AFE No.: 0700449		Authorized Days:		
Active Datum: GL @4,9		Ground Elev.: 4,989.00		Wt: 100%		Authorized MD/TVD: 14,489		
	CURRENT DEP	тн	HOLE SIZE	MUD WEIGHT		LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
7,448.00	7,443.15	825.0(ft)	7-7/8(")	9.10(ppg)	8-5/8(")	2,237.0(ft)	2,237.0(ft)	(ppg)
	FORMATION/	ARGET NAME		MD TOP (ft)	TVD TOP (ft)	-	NEXT CASING	
WASATCH						SIZE	MD	TVD
MESAVERDE						5-1/2(")	8,700.0(ft)	8,700.0(ft)
Daily Detail: DRLG	FROM 6623' TO A DE	EPTH OF 6845'. W/ 20K \	NOB & 45 RPMS.				Well Costs (\$)	
RIG SE	ERVICE.	EPTH OF 7385'. W/ 22K \	NOR & 45 RPMS				AFE	Actual
WIREL	INE SURVEY @ 731	0' = 1.75*				Daily Cost		102,225.00
DRLG	FROM 7385' TO A DE	EPTH OF 7448'. W/ 25K \	WOB 7 40 RPMS.			Cumulative Total	1,357,550.00	469,212.00

Nell: LCU 6-3H		AP1: 430473838000	10 A SUB-	Popt No.: 6	DOL: 8	DPS:3 VVII	المله المراكبة	HL
	PLORATION & PRODUCT			UWI: 1654'FNL,2442'F	WL,SEC 3-11S-20E S	E/NW		
g Name: PATTERSON				Final Surface Location				
ent: DRILL		Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Drill, complete, & equ	ip an 8700' Wasatch/Me	saverde well
pervisor: PAT WISENI	ER -	Engineer: RICHARD HOWE	ill	AFE No.: 0700449		Authorized Days:		
tive Datum: GL @4,5	989.0ft (GRADED	Ground Elev.: 4,989.00		Wt: 100%		Authorized MD/TVD: 14,48	9	
GROUN	CURRENT DEP	TH .	HOLE SIZE	MUD WEIGHT		LAST	ASING	
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
6,623.00	6,618.53	1,079.0(ft)		8.60(ppg)	5-1/2(")	8,762.0(ft)	8,762.0(ft)	(ppg)
	<u> </u>	<u> </u>		MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
	FORMATION/T	ARGEINAME		mb for fig	100 101 (.4	SIZE	MD	TVD
ASATCH				<u> </u>		5-1/2(")	8,700.0(ft)	8,700.0(ft)
SAVERDE			100 A 50 DDMC				Well Costs (\$)	
illy Detail: DRLG RIG S	G FROM 5544' TO A DE GERVICE. BOP/FIRE DI	PTH OF 5957', W/ 18K V RILL. ( 90 SEC).	VOB & 50 RPMS.				AFE AFE	Actual
CHAN	IGE ROTATING HEAD		VOR & FO RIDMS			Daily Cost		31,410.00
REPA	IR FLOW LINE.	PTH OF 6369'. W/ 18K V	TOD G DU INFINIO.			Cumulative Total	1,357,550.00	366,987.00
WIRE	LINE SURVEY @ 6294	l' = 1.75* PTH OF 6623'. W/ 20K V	VOB & 45 RPMS.			Cumulative Total		
MI: LCU 6-3H	711CM10000 107101	API: 430473838000		Rpt No.: 6	DOL: 6	DF8: 4	Report Date: 8/6/2	907
perator: DOMINION E	XPLORATION & PRODUC	TION INC		UWI: 1854'FNL,2442'	WL,SEC 3-11S-20E	SE/NW		
g Name: PATTERSO	N 12			Final Surface Location	1:			
ent: DRILL		Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Drill, complete, & eq	uip an 8700' Wasatch/M	esaverde well
upervisor: PAT WISEN	IER	Engineer: RICHARD HOW	ELL	AFE No.: 0700449		Authorized Days:	·	
ctive Datum: GL @4	,989.0ft (GRADED ND LEVEL)	Ground Elev.: 4,989.00		WI: 100%		Authorized MD/TVD: 14,4	B9	
GROOM	CURRENT DEP	TH	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
7,448.00	7,443.15	825.0(ft)	İ	9.10(ppg)	5-1/2(")	8,762.0(ft)	8,762.0(ft)	(ppg)
	FORMATIONS	TARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
/ASATCH	FORMATION	IARGET RAME		1		SIZE	MD	TVD
ESAVERDE				<u> </u>		5-1/2(")	8,700.0(ft)	8,700.0(ft)
	C FROM 6622' TO A DI	EPTH OF 6845'. W/ 20K	WOR & 45 RPMS				Well Costs (\$)	
AUV DATAIL PRO	SERVICE.						AFE	Actual
RIG		EPTH OF 7385'. W/ 22K'	WOB & 45 RPMS.			Daily Cost		102,225.00
RIG : DRL		COTU OF 74401 18# 35K	WOB 7 40 RPMS.			Cumulative Total	1,357,550.00	469,212.00
RIG: DRL: WIRI	ELINE SURVEY @ 731 G FROM 7385' TO A DI	EPTH OF /446 . W/ 25K					Report Date: 6777	1007
RIG: DRL: WIRI	ELINE SURVEY @ 731 G FROM 7385' TO A DI	<del> </del>		1	I-a	nee. e		
RIG DRL WIRI DRL Voll: LCU 9-3H	G FROM 7385' TO A D	API: 430473838000		Rpt No.: 7	DOL: 7	DFS: 6	1	
RIG DRL: WIRI DRL: Nell: LCU 9-3H	ELINE SURVEY @ 731 G FROM 7385' TO A DI	API: 430473838000		UWI: 1654'FNL,2442	'FWL,SEC 3-11S-20E	<u> </u>		
RIG DRLI WRIT DRLI Welt: LCU 9-3H Operator: DOMINION E Rig Name: PATTERSO	G FROM 7385' TO A DI	API: 430473838000		UWI: 1654'FNL,2442 Final Surface Location	'FWL,SEC 3-11S-20E	SE/NW		lesaverde well
RIG DRLI WIRI DRLI Nell: LCU 9-3H Operator: DOMINION E Rig Name: PATTERSO Event: DRILL	G FROM 7385' TO A DI EXPLORATION & PRODUCTION 12	API: 430473838000 CTION INC Start Date: 12/26/2008		UWI: 1654'FNL,2442 Final Surface Location Spud Dt.: 2/2/2007	'FWL,SEC 3-11S-20E	SE/NW Type: Drill, complete, & ed		lesaverde well
RIG DRLI WRIT DRLI Neil: LCU 8-9H Deperator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: SCOTT SE	G FROM 7385' TO A DI EXPLORATION & PRODUCTION 12 EELY	API: 430473838000 ETION INC Start Date: 12/26/2008 Engineer: RICHARD HOV		UW: 1654 FNL,2442 Final Surface Locatic Spud Dt.: 2/2/2007 AFE No.: 0700449	'FWL,SEC 3-11S-20E	SE/NW	quip an 8700' Wasatch/M	lessverde well
RIG DRLI WRITE LCU 8-3H Department DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: SCOTT SE Active Datum: GL @	G FROM 7385' TO A DI EXPLORATION & PRODUCTION 12 EELY	API: 430473838000 CTION INC Start Date: 12/26/2008		UWI: 1654'FNL,2442 Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100%	FWL,SEC 3-11S-20E	SE/NW  Type: Drill, complete, & ed  Authorized Days:  Authorized MD/TVD: 14,	quip an 8700' Wasatch/N	tesaverde well
RIG DRLI WRITE LOU 6-3H Department DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: SCOTT SE Active Datum: GL @	G FROM 7385' TO A DI EXPLORATION & PRODUCTION 12 ELLY 4,989 oft (GRADED IND LEVEL) CURRENT DEI	API: 430473838000 ETION INC  Start Date: 12/26/2008 Engineer: RICHARD HOV Ground Elev.: 4,989.0		UW: 1654 FNL,2442 Final Surface Locatic Spud Dt.: 2/2/2007 AFE No.: 0700449	FWL,SEC 3-11S-20E n:	SE/NW  Type: Drill, complete, & et Authorized Days: Authorized MD/TVD: 14,	quip an 8700' Wasatch/N 189 CASING	
RIG DRLI WHILE LOU 6-3H DPERSON DOMINION E RIG Name: PATTERSO Event: DRILL Supervisor: SCOTT SE Active Datum: GL @	G FROM 7385' TO A DI EXPLORATION & PRODUCT ON 12 ELY 4,989.0ft (GRADED IND LEVEL)	API: 436473838000 CTION INC  Start Date: 12/26/2006 Engineer: RICHARD HOV Ground Elev.: 4,989.0  PTH  24 Hr. Progress	0	UW: 1654'FNL,2442 Final Surface Locatic Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT	FWL,SEC 3-11S-20E	SE/NW  Type: Drill, complete, & ed Authorized Days: Authorized MD/TVD: 14,	quip an 8700' Wasetch/N 189 CASING TVD	LOT(EMW)
RIG DRLI WRITE LCU 0-3H Operator: DOMINION E Rig Name: PATTERSC Event: DRILL Supervisor: SCOTT SE Active Datum: GROL	G FROM 7385' TO A DI EXPLORATION & PRODUCTION 12 ELLY 4,989 oft (GRADED IND LEVEL) CURRENT DEI	API: 430473838000 ETION INC  Start Date: 12/26/2008 Engineer: RICHARD HOV Ground Elev.: 4,989.0	0	UWI: 1654'FNL,2442 Final Surface Location Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100%	FWL,SEC 3-11S-20E n:	SE/NW  Type: Drill, complete, & et Authorized Days: Authorized MD/TVD: 14,	quip an 8700' Wasatch/M 189 CASING TVD 8,762.0(ft)	
RIG DRL: WRITE LCU SH  Departor: DOMINION E Rig Name: PATTERSO Event: DRILL  Supervisor: SCOTT SE Active Datum: GL @ROL  MD(ft)	EXPLORATION & PRODUCTION 12  EELY 4,989.0ft (GRADED IND LEVEL)  CURRENT DEI  TVD(ft) 8,044.87	API: 436473838000 CTION INC  Start Date: 12/26/2006 Engineer: RICHARD HOV Ground Elev.: 4,989.0  PTH  24 Hr. Progress	0	UW: 1654'FNL,2442 Final Surface Locatic Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT	FWL,SEC 3-11S-20E	SE/NW  Type: Drill, complete, & et Authorized Days: Authorized MD/TVO: 14,  LAST  MD  8,762.0(ft)	CASING TVD 8,762.0(ft) NEXT CASING	LOT(EMW) (ppg)
RIG DRLI WRITE LCU 0-SH Deparator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: SCOTT SE Active Datum: GL @- GROL MD(ft) 8,050.00	EXPLORATION & PRODUCTION 12  EELY 4,989.0ft (GRADED IND LEVEL)  CURRENT DEI  TVD(ft) 8,044.87	API: 430473838000  CTION INC  Start Date: 12/26/2008  Engineer: RICHARD HOV  Ground Elev:: 4,989.0  PTH  24 Hr. Progress  602.0(ft)	0	UWI: 1654 FNL,2442 Final Surface Locatic Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  9.50(ppg)	SIZE 5-1/2(*)	SE/NW  Type: Drill, complete, & et Authorized Days: Authorized MD/TVO: 14,  LAST  MD  8,762.0(ft)	CASING TVD 8,762.0(ft) NEXT CASING	LOT(EMW) (ppg)
RIG DRLI WRITE LCU 8-3H Deparator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: SCOTT SE Active Datum: GL @ GROL MD(ft) 8,050.00	EXPLORATION & PRODUCTION 12  EELY 4,989.0ft (GRADED IND LEVEL)  CURRENT DEI  TVD(ft) 8,044.87	API: 430473838000  CTION INC  Start Date: 12/26/2008  Engineer: RICHARD HOV  Ground Elev:: 4,989.0  PTH  24 Hr. Progress  602.0(ft)	0	UWI: 1654 FNL,2442 Final Surface Locatic Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  9.50(ppg)	SIZE 5-1/2(*)	SE/NW  Type: Drill, complete, & et Authorized Days: Authorized MD/TVO: 14,  LAST  MD  8,762.0(ft)	CASING TVD 8,762.0(ft) NEXT CASING	LOT(EMW) (ppg)
RIG DRLI Well: LCU 4-3H  Derator: DOMINION E Rig Name: PATTERSO Event: DRILL  Supervisor: SCOTT SE Active Datum: GL @ GROL  MD(ft)  8,050.00  NASATCH MESAVERDE	EXPLORATION & PRODUCE ON 12 EELY 4,989.0ft (GRADED IND LEVEL)  CURRENT DEI  TVD(ft) 8,044.87  FORMATION	API: 430473838000  CTION INC  Start Date: 12/26/2008  Engineer: RICHARD HOV  Ground Elev:: 4,989.0  PTH  24 Hr. Progress  602.0(ft)	0	UWI: 1654 FNL,2442 Final Surface Locatic Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  9.50(ppg)	SIZE 5-1/2(*)	SE/NW  Type: Drill, complete, & et Authorized Days: Authorized MD/TVO: 14,  LAST  MD  8,762.0(ft)	CASING TVD 8,762.0(ft) NEXT CASING	LOT(EMW) (ppg)
RIG DRLI WRITE LCU 0-SH  Deparator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: SCOTT SE Active Datum: GL @- GROL  MD(ft)  8,050.00  MASATCH MESAVERDE  Daily Detail: DRI TRII	EXPLORATION & PRODUCTION 12  EELY 4,989 oft (GRADED IND LEVEL)  CURRENT DEI  TVD(ft) 8,044.87  FORMATION  LLL F/7448' T/7559' P FOR BIT # 2	API: 430473838000  CTION INC  Start Date: 12/26/2008  Engineer: RICHARD HOV  Ground Elev:: 4,989.0  PTH  24 Hr. Progress  602.0(ft)	0	UWI: 1654 FNL, 2442 Final Surface Locatic Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  9.50(ppg)	SIZE 5-1/2(*)	SE/NW  Type: Drill, complete, & et Authorized Days: Authorized MD/TVO: 14,  LAST  MD  8,762.0(ft)	CASING TVD 8,762.0(ft) NEXT CASING MD 8,700.0(ft)	LOT(EMW) (ppg)
RIG DRLI WRITE LCU 4-3H  Operator: DOMINION E Rig Name: PATTERSO Event: DRILL Supervisor: SCOTT SE Active Datum: GL @ GROL  MD(ft)  8,050.00  WASATCH  MESAVERDE  Daily Detail: DRI TRII DRI	G FROM 7385' TO A DI EXPLORATION & PRODUCE ON 12 EELY 4,989.0ft (GRADED IND LEVEL)  CURRENT DEI  TVD(ft) 8,044.87  FORMATION/	API: 430473838000  CTION INC  Start Date: 12/26/2008  Engineer: RICHARD HOV  Ground Elev: 4,989.0  PTH  24 Hr. Progress 602.0(ft)  TARGET NAME	0	UWI: 1654 FNL, 2442 Final Surface Locatic Spud Dt.: 2/2/2007 AFE No.: 0700449 WI: 100% MUD WEIGHT  9.50(ppg)	SIZE 5-1/2(*)	SE/NW  Type: Drill, complete, & et Authorized Days: Authorized MD/TVO: 14,  LAST  MD  8,762.0(ft)	CASING TVD 8,762.0(ft) NEXT CASING MD 8,700.0(ft) Well Costs (5)	LOT(EMW) (ppg) TVD 8,700.0(ft)

							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Well: LCU 6-3H	1	API: 430473630000		Rpt No.: 8	DOL: \$	DPS: 6	Report Date: 6/6/20	107	
Operator: DOMINION EXP	or DOMINION EXPLORATION & PRODUCTION INC				WL,SEC 3-11S-20E S	E/NW			
Rig Name: PATTERSON	12			Final Surface Location	:				
Event: DRILL		Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Drill, complete, & eq	uip an 8700' Wasatch/Me	saverde well	
Supervisor: LYNN RICH		Engineer: RICHARD HOW	ill	AFE No.: 0700449		Authorized Days:			
Active Datum: GL @4,98 GROUND		Ground Elev.: 4,989.00		WI: 100%		Authorized MD/TVD: 14,4	89		
	CURRENT DEPT	H	HOLE SIZE	MUD WEIGHT	-	LAST	CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)	
8,702.00	8,701.96	652.0(ft)		9.70(ppg)	5-1/2(")	8,762.0(ft)	8,762.0(ft)	(ppg)	
·	FORMATION/TA	DOST NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING	<del></del>	
WASATCH	PORMATIONTA	ANGET FORME		, , , , , ,	100 101 10	SIZE	MD	TVD	
MESAVERDE						5-1/2(")	8,700.0(ft)	8,700.0(ft)	
							*** ** *** ***	······································	
	F/ 8050 TO 8,304 CE RIG						Well Costs (\$)	Actual	
	F/ 8304 TO 8702.						AFE		
						Daily Cost		28,565.00	
						Cumulative Total 1,357,550.00 540,04			
Well: LCU 6-3H		API: 430473636000		Rpt No.: 9 DOL: 9 DFS: 7 Report Date: 679/2007					
	PLORATION & PRODUCT			UW: 1654'FNL,2442'FWL,SEC 3-11S-20E SE/NW					
Rig Name: PATTERSON		·		Final Surface Location		· · · · · · · · · · · · · · · · · · ·			
Event: DRILL	1	Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Drill, complete, & ed	uip an 8700' Wasatch/M	esaverde well	
Supervisor: LYNN RICH		Engineer: RICHARD HOW		AFE No.: 0700449		Authorized Days:			
Active Datum: GL @4.9	en ne (CRADEO	Ground Elev.: 4,989.00		WI: 100%		Authorized MD/TVD: 14,4	89		
GROUNE		Glound Liev. 4,555.55			<u> </u>				
	CURRENT DEPT	Н	HOLE SIZE	MUD WEIGHT			CASING		
MD(ft)	TVD(ft)	24 Hr. Progress		ļ	SIZE	MD	TVD	LOT(EMW)	
8,711.00	8,710.96	9.0(ft)		9.90(ppg)	5-1/2(")	8,782.0(ft)	8,762.0(ft)	(ppg)	
	FORMATION/T/	ARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING		
WASATCH	T ORGANIONS IS			,		SIZE	MD	TVD	
MESAVERDE						5-1/2(")	8,700.0(ft)	8,700.0(ft)	
				<u> </u>	<u> </u>		Minit Cooks (8)		
- •	F/ 8702 TO 8711. & COND.						Well Costs (\$)	Actual	
	SURVEY TOOL & PU	MP PILL.					<del>                                     </del>	32,500.00	
	I F/ LOGS. LOG W/ BAKER, TOOL	S FAILED THEN TRUC	K FAILED.			Daily Cost	1 257 550 00	572,547.00	
TIH F/	WIPER RUN.					Cumulative Total	1,357,550.00	572,547.00	
	& COND. F/LOGS.								
RU & T	TRY TO LOG W/ BAKE	R, STILL HAVING ELE	CTRICAL PROBLEM	AS.					
Well: LCU 6-3H		API: 439473838000		Rpt No.: 10	DOL: 10	DFS: 8	Report Date: 6/10	2007	
Operator: DOMINION EX	(PLORATION & PRODUC	TION INC		UWI: 1654'FNL,2442'	FWL,SEC 3-11S-20E	SE/NW			
Rig Name: PATTERSON	¥ 12			Final Surface Location	n:				
Event: DRILL	· · · · · · · · · · · · · · · · · · ·	Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Drill, complete, & e	quip an 8700' Wasatch/N	lesaverde well	
Supervisor: LYNN RICH		Engineer: RICHARD HOW	ELL	AFE No.: 0700449		Authorized Days:			
Active Datum: GL @4,9	989.0ft (GRADED ID LEVEL)	Ground Elev.: 4,989.00	)	Wt: 100%		Authorized MD/TVD: 14,	489		
GROOM	CURRENT DEP	TH	HOLE SIZE	MUD WEIGHT		LAST	CASING		
	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)	
MD(ft)		61.D(ft)	†	9.90(ppg)	5-1/2(")	8,762.0(ft)	8,762.0(ft)	(ppg)	
MD(ft) 8.772.00	8,771.92			ļ	+	<del>                                     </del>	NEXT CASING		
MD(ft) 8,772.00	<u> </u>			MP	TO				
8,772.00	FORMATION/T			MD TOP (ft)	TVD TOP (ft)	SI7F		TVD	
8,772.00 WASATCH	<u> </u>			MD TOP (ft)	TVD TOP (ft)	SIZE	MD		
8,772.00	<u> </u>			MD TOP (ft)	TVD TOP (ft)	SIZE 5-1/2(")		TVD 8,700.0(ft)	
8,772.00  WASATCH  MESAVERDE  Daily Detail: TRY T	FORMATION/T		TRUCK.	MD TOP (ft)	TVD TOP (ft)		MD 8,700.0(ft) Well Costs (\$)	8,700.0(ft)	
WASATCH MESAVERDE  Daily Detail: TRY T WO S	FORMATION/T	ARGET NAME	TRUCK.	MD TOP (ft)	TVD TOP (ft)		MD 8,700.0(ft)		
WASATCH MESAVERDE  Daily Detail: TRY T WO S	FORMATION/T	ARGET NAME	TRUCK.	MD TOP (ft)	TVD TOP (ft)		MD 8,700.0(ft) Well Costs (\$)	8,700.0(ft)	
WASATCH MESAVERDE  Daily Detail: TRY T WO S LOG V TH WA FA	FORMATION/T	ARGET NAME	TRUCK.	MD TOP (ft)	TVD TOP (ft)	5-1/2(")	MD 8,700.0(ft) Well Costs (\$)	8,700.0(ft)	

Well: LCU 6-3H		API: 430473830000		Rpt No.: 11	DOL: 11	DP8: 9	Report Date: 6/11/	2007
Operator: DOMINION E)	(PLORATION & PRODUC	CTION INC		UWI: 1654'FNL,2442'I	WL,SEC 3-11S-20E	SE/NW		
Rig Name: PATTERSOI	N 12			Final Surface Location	n:			
Event: DRILL		Start Date: 12/26/2006		Spud Dt.: 2/2/2007		Type: Drill, complete, & e	quip an 8700' Wasatch/M	lesaverde well
Supervisor: LYNN RICH		Engineer: RICHARD HOW	<b>E</b> LL	AFE No.: 0700449		Authorized Days:		
Active Datum: GL @4,	989.0ft (GRADED ID LEVEL)	Ground Elev.: 4,989.00		WI: 100%		Authorized MD/TVD: 14,489		
	CURRENT DEF	TH	HOLE SIZE	MUD WEIGHT		LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
8,772.00	8,771.92	0.0(ft)	Ī	9.90(ppg)	5-1/2(")	8,762.0(ft)	8,762.0(ft)	(ppg)
	FORMATION/	TARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
WASATCH						SIZE	MD	TVD
MESAVERDE						5-1/2(")	8,700.0(ft)	8,700.0(ft)
,	I DP & BHA.						Well Costs (\$)	
	RUN PRODUCTION ( NDING JOINT & ROT						AFE	Actual
	& RIG DN CSG EQUI	PMENT.				Daily Cost		189,313.00
	CMT DOUDI ICTION (	CSG W/ HALLIBURTON.				Cumulative Total 1,357,550.00 813,8		

Form 3160-5 (August, 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135

Expires: November 30, 2000

I Lease Serial No

	801		De Dellai 110.
SUNDRY NOTICES ANI			TU-44090-A
Do not use this form for prop		l l	ndian, Allottee or Tribe Name
abandoned well. Use Form 31	60-3 (APD) for such propo	sals.	
e a siabany indrindra di	lier Instructions on reverse	<i>side</i> 7. If U	Init or CA/Agreement, Name and/or No.
1. Type of Well		l i	ttle Canyon Unit
Oil Well X Gas Well Other			Il Name and No.
			211 2 211
2. Name of Operator			CU 6-3H
Dominion Exploration & Production, Inc.		9. AP	I Well No.
3a. Address	3b. Phone No.	(include area code) 43	3-047-38380
14000 Quail Springs Pkwy, Ste 600, OKC,		`	eld and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D			atural Buttes
1708' FSL & 2175' FWL, NE SW, Sec. 28-	10S-20E	11. Co	ounty or Parish, State
		U	intah, UT
12. CHECK APPROPRIATE BOX(ES)	TO INDICATE NATURE (	OF NOTICE, REPORT (	OR OTHER DATA
TYPE OF SUBMISSION	T	YPE OF ACTION	
Notice of Intent Acidi	ze Deepen	Production (Start/Res	sume) Water Shut-Off
Alteri	ing Casing Fracture Treat	Reclamation	Well Integrity
X Subsequent Report Casi	ng Repair New Construction	on Recomplete	X Other
المسيا المسيا	nge Plans Plug and Aband	Ion Temporarily Abandon	Drilling Operations
	vert to Injection Plug Back	Water Disposal	
13 Describe Proposed or Completed Operation (clearly s			posed work and approximate duration thereof.

Des Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

6/10/07 - Ran 208 jts 5-1/2", 17#, MAV-80, LT&C set @ 8762'. Cmt lead w/140 sks Hi Fill V, 11.6 pg, 3.12 yld. Tail w/775 sks Class G, 13.0 ppg, 1.75 yld.

14. I hereby certify that the foregoing is true and correct Name (PrintedTyped)			
Barbara Lester	Title	Regulatory Speci	alist
Signature Ray Mandel 4800	Date	7/2/2007	
THE STATE OF THE STATE OF THE STATE	12(0)[11(0)]	11(8)0	
Approved by	Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office		•

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

> RECEIVED JUL 0 6 2007

### Division of Oil, Gas and Mining **OPERATOR CHANGE WORKSHEET**

ROUTING 1. DJJ 2. CDW

X - Change	of Operator	(Well Sold)
------------	-------------	-------------

X - Change of Operator (Well Sold)	Operac	of Name	Change/Merg	CI				
The operator of the well(s) listed below has chan			7/1/2007					
FROM: (Old Operator):			TO: ( New Operator):					
N1095-Dominion Exploration & Production, Inc			N2615-XTO Energy Inc					
14000 Quail Springs Parkway, Suite 600			810 Ho					
Oklahoma City, OK. 73134				orth, TX 76	102			
•				•				
Phone: 1 (405) 749-1300			Phone: 1 (817)	870-2800				
CA No.			Unit:	LITTLE CA				
WELL NAME	SEC TWN	RNG	API NO		LEASE TYPE	ŀ	WELL	
CET A THE A CAMED I ACT	<u> </u>			NO	_	TYPE	STATUS	
SEE ATTACHED LIST						<u> </u>		
OPERATOR CHANGES DOCUMENT	ATION							
Enter date after each listed item is completed	ATION							
1. (R649-8-10) Sundry or legal documentation wa	s received fr	om the	FORMER one	rator on:	8/6/2007			
2. (R649-8-10) Sundry or legal documentation was			-		8/6/2007	•		
			-			•	8/6/2007	
<ul><li>3. The new company was checked on the <b>Depart</b></li><li>4a. Is the new operator registered in the State of U</li></ul>		mitel Ce	Business Numb	_	5655506-0143		0/0/2007	
			- Dushiess Number		3033300-0143			
4b. If <b>NO</b> , the operator was contacted contacted of			IN PLACE			•		
5a. (R649-9-2)Waste Management Plan has been re				•				
5b. Inspections of LA PA state/fee well sites comp			n/a					
5c. Reports current for Production/Disposition & S			ok	•				
6. Federal and Indian Lease Wells: The BI						<b>57.</b>		
or operator change for all wells listed on Feder	al or Indian I	leases c	on:	BLM	•	BIA	_	
7. Federal and Indian Units:	<b>a</b>		41 11 . 1					
The BLM or BIA has approved the successor	_					•		
8. Federal and Indian Communization Ag	•		•					
The BLM or BIA has approved the operator			vitnin a CA on: ivision has appro	wed IIIC F	orm 5 Transfor	of Auth	ority to	
9. Underground Injection Control ("UIC"	,					oi Autii	office to	
Inject, for the enhanced/secondary recovery un DATA ENTRY:	nt/project to	r me wa	ater disposat wei	i(s) listed o	II.		-	
			0/27/2007					
<ol> <li>Changes entered in the Oil and Gas Database</li> <li>Changes have been entered on the Monthly O</li> </ol>		nge Sm	9/27/2007	•	9/27/2007			
<ol> <li>Changes have been entered on the Monthly Og</li> <li>Bond information entered in RBDMS on:</li> </ol>	perator Cha	mge op	9/27/2007		712112001	-		
<ol> <li>Fee/State wells attached to bond in RBDMS or</li> </ol>	า'		9/27/2007	•				
5. Injection Projects to new operator in RBDMS			9/27/2007	-				
6. Receipt of Acceptance of Drilling Procedures		v on:		9/27/2007				
BOND VERIFICATION:				<u> </u>	•			
Federal well(s) covered by Bond Number:			UTB000138	_				
2. Indian well(s) covered by Bond Number:			n/a	•				
3a. (R649-3-1) The NEW operator of any state/fe	ee well(s) list	ted cov	ered by Bond N	umber	104312762	_		
3b. The <b>FORMER</b> operator has requested a release	se of liability	from t	heir bond on:	1/23/2008		-		
The Division sent response by letter on:						<u> </u>		
LEASE INTEREST OWNER NOTIFIC	CATION:							
4. (R649-2-10) The NEW operator of the fee wells				y a letter fr	om the Division			
of their responsibility to notify all interest owner	ers of this cha	ange on	1:					
COMMENTS:								

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER;
2. NAME OF OPERATOR:	SEE ATTACHED  9. API NUMBER:
XTO Energy Inc. $N36/5$	SEE ATTACHED
3. ADDRESS OF OPERATOR: 810 Houston Street PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
CITY Fort Worth STATE TX ZIP 76102 (817) 870-2800	Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED	соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	, , , , , , , , , , , , , , , , , , , ,
ACIDIZE DEEDEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT	
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OTHER:
Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134   (H05) 7H9-/300  James D. Abercrombie Sr. Vice President, General Manager - Western Business Unit  Please be advised that XTO Energy Inc. is considered to be the operator on the attached under the terms and conditions of the lease for the operations conducted upon the lease is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources	lands. Bond coverage
NAME (PLEASE PRINT) Edwin S. Ryan, Jr.,  SIGNATURE COURT & Figure 1. TITLE Sr. Vice Presider  DATE 7/31/2007	nt - Land Administration
This space for State use only)	RECEIVED
APPROVED 9127107	
	AUG 0 6 2007
Division of Oil, Gas and Mining Earlene Russell, Engineering Technician  (See Instructions on Reverse Side)	DIV. OF OIL, GAS & MINING

## N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

### LITTLE CANYON UNIT

api	well name	qtr qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304731026	HILL FEDERAL 1-10	NESW	10		<del></del>	U-44089		Federal		TA
4304731178	LAFKAS FED 1-3	SWSW	03		<u> </u>	U-34350		Federal	GW	
4304735639	LCU 5-35F	SWNW	35			U-01470-C		Federal	GW	
4304735646	LCU 10-35F	NWSE	35			U-01470-D		Federal	GW	
4304735729	LCU 14-1H	SESW	01			UTU-73436		Federal	GW	
4304735730	LCU 12-1H	NWSW	01	110S	200E	UTU-73436	14619	Federal		P
4304735731	LCU 2-12H	NWNE	12	110S	200E	UTU-73436	14619	Federal	GW	P
4304736164	LCU 6-6G	SENW	06	110S	210E	UTU-75700	14619	Federal	GW	P
4304736165	LCU 2-1H	NWNE	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736166	LCU 5-1H	SWNW	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736167	LCU 16-1H	SESE	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304736168	LCU 11-1H	NESW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304736607	LCU 11-10H	NESW	10	110S	200E	U-44089	15361	Federal	GW	P
4304736774	LCU 2-10H	NWNE	10	110S	200E	UTU-44089	15330	Federal	GW	P
4304736775	LCU 7-3H	SWNE	03	110S	200E	UTU-44090-A	15777	Federal	GW	P
4304736776	LCU 11-3H	NESW	03	110S	200E	UTU-34350	16104	Federal		DRL
4304736803	LCU 7-1H	SWNE	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736804	LCU 3-3H	NENW	03	110S	200E	UTU-44090-A	16070	Federal	GW	DRL
4304736805	LCU 14-3H	SESW	03	110S	200E	UTU-34350	16106			DRL
4304736806	LCU 15-9H	SWSE	09	110S	200E	UTU-76265	16042	Federal	GW	DRL
4304736807	LCU 8-12H	SENE	12	110S	200E	U-73436	14619			P
4304736811	LCU 14-35F	SESW	35	100S	200E	U-01470-D	14619		GW	
4304736812	LCU 13-35F	SWSW	35		1	U-01470-D	14619	Federal	GW	
4304736813	LCU 12-6G	NWSW	06			U-72665	L	Federal	GW	
4304736891	LCU 9-3H	NESE	03	<del>_</del>	·	UTU-34350		Federal	·	DRL
4304737198	LCU 6-11H	SENW	11	1		UTU-73436		Federal	1	P
4304737199	LCU 12-11H	NWSW	11			UTU-73436		Federal	GW	4
4304737200	LCU 14-11H	SESW	11			UTU-73436		Federal	GW	
4304737449	LCU 9-11H	NESE	11			UTU-73436		Federal	OW	
4304738380	LCU 6-3H	SENW	03			UTU-44090-A	<b></b>	Federal		DRL
4304738381	LCU 10-3H	NWSE	03			UTU-34350	<u> </u>	Federal	GW	DRL
4304738382	LCU 16-3H	SESE	03			UTU-34350	£	Federal		
4304738991	LCU 2-6GX (RIGSKID)	NWNE	06			UTU-075700		Federal	GW	
4304739065	UTE TRIBAL 3-11H	NENW	11					Indian		DRL
4304739066	UTE TRIBAL 7-11H	SWNE	11			14-20-H62-5611		Indian	GW	
4304739067	UTE TRIBAL 8-11H	SENE	11	110S	200E	14-20-H62-5611	16045	Indian	GW	DRL

1 09/27/2007

## N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

### LITTLE CANYON UNIT

api	well name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304735613	LCU 12-36F	NWSW	36	100S	200E	ML-47391	14619	State	GW	P
4304735643	LCU 10-2H	NWSE	02	110S	200E	ML-48771	14630	State	GW	P
4304736611	LCU 13-2H	SWSW	02	110S	200E	ML-48771	15704	State	GW	P
4304736779	LCU 5-2H	NESW	02	110S	200E	ML-48771	99999	State	GW	DRL
4304736780	LCU 11-2H	NESW	02	110S	200E	ML-48771	99999	State	GW	DRL
4304736783	LCU 14-36F	SESW	36	100S	200E	ML-47391	14619	State	GW	P
4304737986	LCU 3-36F	NENW	36	100S	200E	ML-47391	16071	State	GW	DRL
4304737987	LCU 10-36F	NWSE	36	100S	200E	ML-47391	15911	State	GW	S
4304737988	LCU 8-36F	SENE	36	100S	200E	ML-47391	16030	State	GW	P
4304737989	LCU 13-36F	SWSW	36	100S	200E	ML-47391	14619	State	GW	P
4304737999	LCU 6-36F	SENW	36	100S	200E	ML-47391	16059	State	GW	S _
4304738026	LCU 11-36F	NESW	36	100S	200E	ML-47391	14619	State	GW	P
4304738256	LCU 8-2H	SENE	02	110S	200E	ML-48771	99999	State	GW	DRL
4304738257	LCU 12-2H	NWSW	02	110S	200E	ML-48771	15750	State	GW	P _
4304738258	LCU 7-2H	SWNE	02	110S	200E	ML-48771	15664	State	GW	P
4304738259	LCU 9-2H	SENE	02	110S	200E	ML-48771	99999	State	GW	DRL
4304738260	LCU 15-36F	SWSE	36	100S	200E	ML-47391	15893	State	GW	P

1 09/27/2007



## United States Department of the Interior

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



IN REPLY REFER TO 3180 UT-922

Dominion Exploration & Production, Inc. Attn: James D. Abercrombie 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600

August 10, 2007

Re:

Little Canyon Unit Uintah County, Utah

#### Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Little Canyon Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Little Canyon Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED AUG 1 6 2007

## STATE OF UTAH

		NATURAL RESOURCE: _, GAS AND MININ				SE DESIGNATION AND SERIAL NUMBER:
						J-44090A IDIAN, ALLOTTEE OR TRIBE NAME:
SUNI	DRY NOTICES AN	ID REPORTS O	N WEL	LS		
Do not use this form for proposals drill hor:	to drill new wells, significantly deepe contal laterals. Use APPLICATION F	n existing wells below current be FOR PERMIT TO DRILL form to	ottom-hole dept or such proposal	h, reenter plugged wells, or to is.	LIT	TOP CA AGREEMENT NAME: TLE CANYON UNIT
1. TYPE OF WELL OIL V	VELL GAS WELL	OTHER			LCL	L NAME and NUMBER: J 6-3H
2 NAME OF OPERATOR: XTO ENERGY INC.						NUMBER: 4738380
3. ADDRESS OF OPERATOR:				PHONE NUMBER:		LD AND POOL OR WILDCAT:
382 CR 3100	CITY AZTEC	STATE NM ZIP 874	10	(505) 333-3100	1	1ESAVER DE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 16	654' FNL & 2442' FWL	e e e e e e e e e e e e e e e e e e e	.*		COUN'	ry: UINTAH
QTR/QTR. SECTION, TOWNSH	P, RANGE, MERIDIAN: SENW	3 11S 20E			STATE	UTAH
11. CHECK	APPROPRIATE BOXE	S TO INDICATE N	IATURE (	OF NOTICE, REPO	ORT, O	R OTHER DATA
TYPE OF SUBMISSION	N		TY	PE OF ACTION		
NOTICE OF INTENT	ACIDIZE		DEEPEN			REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING		FRACTURE	TREAT		SIDETRACK TO REPAIR WELL
Approximate date work will str	art: CASING REPAIR		NEW CONST	TRUCTION		TEMPORARILY ABANDON
	CHANGE TO PREV	10US PLANS	OPERATOR	CHANGE		TUBING REPAIR
	CHANGE TUBING		PLUG AND A	ABANDON		VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Onl		WE 🔲	PLUG BACK			WATER DISPOSAL
Date of work completion:	CHANGE WELL ST	ATUS	PRODUCTIO	N (START/RESUME)		WATER SHUT-OFF
10/4/2007	COMMINGLE PROC	DUCING FORMATIONS		ON OF WELL SITE TE - DIFFERENT FORMATION	<b>Z</b>	OTHER: OCT 2007 MONTHLY REPORT
12. DESCRIBE PROPOSED Attached is XTO Ene	OR COMPLETED OPERATION				mes, etc.	
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			•	
NAME (PLEASE PRINT) HOL	C. PERKINS		TITLE	REGULATORY	COMP	LIANCE TECH
INV	C. Toska v.	ν		10/5/2007		

(This space for State use only)

RECEIVED OCT 1 0 2007

## Farmington Well Workover Report

LITTLE CANYON UNIT Well # 6-3H MV

)bjective:

Drill & Complete

`irst

08/22/2007

leport:

714307

.FE: /23/07

First rpt for AFE #714307 to D & C. SICP 0 psig. MIRU Cased Hole Solutions WL and Action Hot Oil service equip. RIH w/GR/CCL/CBL tls. Log well under 750 psig fr/WL PBTD @ 8682' to 2000' FS. Found TOC @ 327' FS. TOH & LD WL tls. PT csg to 5000 psig, 10". Tstd gd. Rlsd press & RDMO WL and hot oilier. SWI & SDFN.

/22/07

Contd rpt for AFE # 714307 to D&C. MIRU WL. RIH w/3-1/8" csg guns loaded w/Owen SDP-3125-411NT4, 21 gm chrgs. Perf stage 1 intv fr/8,490' - 8,649' w/3 SPF (120 deg phasing, 0.35" EHD, 34.24" pene., 24 holes). POH & LD perf guns. RDMO WL. MIRU CTU & ac pmp trk. SICP 0 psig. Fill CT & tst surf equip to 5500 psig. TIH w/1-1/4" & displ well w/2% KCL wtr trtd w/ biocide & sc inhibitor. W/EOT @ 8660' sptd 250 gals 7.5% HCL over perfs @ 8490' - 8,649'. TOH w/CT. NU pmp trk & BD perfs @ 329 psig. EIR of 4 BPM @ 3290 psig. ISIP 33210 psig, 5" SIP 2987 psig, 10" SIP 2907 psig & 15" SIP 2857psig. Frac grad .80. SWI & RDMO CTU & pmp trk. 24 BLWTR.

/26/07

SICP 1400 psig. MIRU Halliburton frac crew. Held safety mtg & PT all surface lines to 7500 psig, held gd. Frac'd MV stg #1 perfs fr/8,490' -8,649' dwn 5-1/2" csg w/29,952 slurry gals wtr, Delta-R 70Q foamed frac fld, 16# gel, 2% KCL wrt carrying 136,296# Premium White 20/40 sd. Max sd conc 4 ppg. ISIP 3690 psig, 5" SIP 3458 psig. Used 2,068 mscf N2, 907 BLWTR. RU Schlumberger WL, RIH & CFP set @ 7750', PT plg to 6,000 psig, gd tst. Perf stg #2 perfs fr/7,314' - 7,492'. POH w/WL. Frac'd MV stg #2 perfs fr/7,314' - 7,492' dwn 5-1/2" csg w/18,075 gallons wtr, 70Q Delta-R foamed frac fld, 16# gel, 2% KCl wtr carrying 64,931# Premium White 20/40 sd. Max sd conc 4 ppg, ISIP 3528 psig, 5" SIP 3366 psig, used 1,039 mscf N2, 466 BLWTR. RIH & set CFP @ 7270', PT plg to 6,000 psig, gd tst. Perf stg #3 perfs fr/7,034' - 7,174'. Frac'd MV perfs fr/7034' - 7174' dwn 5-1/2" csg w/21,863 gallons wtr, 60Q Delta-R foamed frac fld, 16# gel, 2% KCl wtr carrying 62,962# Premium White 20/40 sd. Max sd conc 2 ppg, ISIP 3933 psig, 5" 3760 psig, used 1,472 mscf N2, 813 BLWTR. (Note: Job cut short 95,900#'s of sd, Halliburton lost N2 pmp & unable to rec). RIH & CFP @ 6740' PT plg to 6,000 psig, gd tst. Perf stg #4 fr/6,436' -6495'. Frac'd MV perfs fr/6,436' - 6495' dwn 5-1/2" csg w/34,909 gallons wtr, FR-56 WTR Frac, 2% KCl wtr carrying 27,632# Premium White 20/40 sd. Max sd conc 2 ppg, ISIP 3533 psig, 5" SIP 3334 psig, 874 BLWTR. SD ops due to Halliburton unable to supply enough N2 to finish the last stg. SWI & SDFN. 3081 BLWTR.

1/27/07

SICP 2300 psig. W/Halliburton frac equip & Schlumberger WL already RU. RIH set CFP @ 6050'. PT plg to 6,000 psig, gd tst. Perf'd stg #5 @ 5746' - 5760' w/3 JSPF (Owen SDP -3125-41 INT4, 21gm chrgs, .35" dia, 34.24" pent.) 45 holes ttl. Frac'd WA stg 5 perfs fr/5746' -5760' dwn 5-1/2" csg, w/7,737 slurry gallons wtr, Delta-R foam, 70Q N2 foam, 16# gel, 2% KCL wrt carrying 37,341# Premium White 20/40 sd. Max sd conc 5 ppg. ISIP 3087 psig, 5" SIP 2128 psig. used 538 mscf N2, 223 BLWTR. SWI 4hrs. RDMO HES & Schlumberger. SICP 2,200 psig. OWU on 12/64" ck. F. 0 BO, 191 BLW, 11 hrs, FCP 2,200 - 2,000 psig. Rets of fld, gas, lt - med sd. 3,092 BLWTR.

Tow

Zone:

MV/WSTC

Event Desc:	Flow Back		Top	Interval: 5,746	Bottom Interval:	8,649
	Av	g Choke	BBLS			
<u>Time</u>	Pre	ss Size	Rec	Comments		
7:00:00 PM	2,20	00 12/64	0	Gas cut fld sd.		
8:00:00 PM	1,40	00 12/64	0	Gas cut fld sd.		
9:00:00 PM	1,00	0 ,12/64	4	Gas cut fld sd.		
10:00:00 PM	600	12/64	. 8	Gas cut fld no sd.		
11:00:00 PM	2,40	0 12/64	8	Gas cut fld no sd.		
12:00:00 AM	2,40	0 12/64	5	Gas cut fld no sd.		
1:00:00 AM	1,80	0 12/64	17	Gas cut fld no sd.		
2:00:00 AM	2,00	0 12/64	91	Gas cut fld tr sd.		
3:00:00 AM	2,00	0 12/64	8	Gas cut fld no sd.		
4:00:00 AM	2,00	0 12/64	22	Gas cut fld tr sd.		

5:00:00 AM	2,000	12/64	13	Gas cut fld no sd.
6:00:00 AM	2,000	12/64	15	Gas cut fld tr sd.
		Ttl Bbls:	191	

FCP 2,080 psig. F. 0 BO, 514 BLW, 24 hrs, FCP 2,080 - 300 psig, 12-18/64" ck. Rets of gas, wtr, tr of sd. 2,578 BLWTR. /28/07

٠,				
•	$\sim$	34	1)	

Zone:	MV/WSTC			
Event Desc:	Flow Back		Top I	nterval: 5,746 Bottom Interval: 8,649
	Avg	Choke	BBLS	
Time	Press	Size	Rec	Comments
6:30:00 AM	2,080	12/64	10	Flow linewased out flow pit.
7:00:00 AM	1,800	12/64	15	Flow line wased out flow to pit.
8:00:00 AM	1,500	12/64	15	Flow line wased out flow to pit.
9:00:00 AM	1,450	12/64	10	Flow line wased out flow to pit.
10:00:00 AM	1,400	12/64	15	Flow line wased out flow to pit.
11:00:00 AM	1,400	18/64	16	Rpr basc to tk.
12:00:00 PM	1,300	18/64	44	Fld & gas tr sd.
1:00:00 PM	1,550	18/64	47	Fld & gas tr sd.
2:00:00 PM	1,400	18/64	18	Fld & gas tr sd.
3:00:00 PM	1,450	18/64	0	Gas cut fld tr sd.
4:00:00 PM	1,450	18/64	0	Hook up BRECO unit.
5:00:00 PM	1,500	18/64	0	Gas cut fld tr sd.
6:00:00 PM	1,150	18/64	40	Gas cut fld tr sd.
7:00:00 PM	1,250	18/64	48	Gas cut fld no sd.
8:00:00 PM	1,150	18/64	22	Gas cut fld tr sd.
9:00:00 PM	1,150	18/64	35	Gas cut fld no sd.
10:00:00 PM	1,100	18/64	26	Gas cut fld tr sd.
11:00:00 PM	1,150	18/64	23	Gas cut fld tr sd.
12:00:00 AM	1,150	18/64	20	Gas cut fld tr sd.
1:00:00 AM	1,050	18/64	19	Gas cut fld tr sd.
2:00:00 AM	400	18/64	22	Gas cut fld tr sd.
3:00:00 AM	300	18/64	26	Gas cut fld no sd.
4:00:00 AM	300	18/64	9	Gas cut fld no sd.
5:00:00 AM	300	18/64	14	Gas cut fld no sd.
6:00:00 AM	300	18/64	20	Gas cut fld no sd.
		Ttl Bbls:	514	

Cont rpt for AFE # 714307 to D&C MV/WA. FCP 1,040 psig. OWU @ 12:30 p.m., 9-29-07. Delv first gas sales to Canyon *V30/07* Gas via XTO Little Canyon CDP. IFR 1,100 MCFPD.

F. 8, -1, 539 MCF, FTP 0 psig, FCP 1300 psig, 12/64, LP 151 psig, SP 0 psig, DP 0 psig, 12 hrs. 0/1/07

FCP 300 psig. F. 0 BO, 685 BLW, 24 hrs, FCP 300 - 850 psig, 18-24/64" ck. Rets of gas, wtr, tr of sd. 1893 BWLTR. Stg #5 WA 5746-5760'.

Comments

Flow

Zone:

MV/WSTC

Top Interval: **Event Desc:** Avg Choke **BBLS** Rec Time Press <u>Size</u>

15 8

**Bottom Interval:** 

		Ttl Bbls:	685	
6:00:00 AM	850	24/64	25	MOSTLY GAS NO SD. 1208 TWLTR.
5:00:00 AM	850	24/64	34	MOSTLY GAS NO SD.
4:00:00 AM	850	24/64	19	MOSTLY GAS NO SD.
3:00:00 AM	800	24/64	19	MOSTLY GAS NO SD.
2:00:00 AM	800	24/64	14	MOSTLY GAS NO SD.
1:00:00 AM	800	24/64	25	MOSTLY GAS NO SD.
12:00:00 AM	800	24/64	28	MOSTLY GAS NO SD.
11:00:00 PM	800	24/64	13	MOSTLY GAS NO SD.
10:00:00 PM	750	24/64	17	MOSTLY GAS NO SD.
9:00:00 PM	700	24/64	30	MOSTLY GAS NO SD.
8:00:00 PM	700	24/64	35	MOSTLY GAS NO SD.
7:00:00 PM	1,200	24/64	8	MOSTLY GAS NO SD.
6:00:00 PM	1,200	24/64	60	MOSTLY GAS NO SD.
5:00:00 PM	800	24/64	33	FLUIDS LITTLE GAS TR SD.
4:00:00 PM	800	24/64	5	FLUIDS LITTLE GAS TR SD.
3:00:00 PM	850	24/64	48	FLUIDS LITTLE GAS TR SD.
2:00:00 PM	850	24/64	24	FLUIDS LITTLE GAS TR SD.
1:00:00 PM	850	24/64	14	FLUIDS LITTLE GAS TR SD.
12:00:00 PM	950	24/64	52	FLUIDS LITTLE GAS TR SD.
11:00:00 AM	850	24/64	26	FLUIDS LITTLE GAS TR SD.
10:00:00 AM	900	24/64	48	FLUIDS LITTLE GAS TR SD.
9:00:00 AM	1,100	24/64	0	FLUIDS LITTLE GAS TR SD.
8:00:00 AM	300	18/64	21	FLUIDS LITTLE GAS TR SD.
7:00:00 AM	300	18/64	56	FLUIDS LITTLE GAS.
6:00:00 AM	300	18/64	31	FLUIDS LITTLE GAS.
12:00:00 AM	0	• .	0	

0/2/07 F. 11, -1, 792 MCF, FTP 0 psig, FCP 1800 psig, 12/64, LP 147 psig, SP 0 psig, DP 0 psig, 24 hrs.

0/3/07 F. 8, -1, 878 MCF, FTP 0 psig, FCP 1740 psig, 12/64, LP 138 psig, SP 0 psig, DP 0 psig, 24 hrs.

0/4/07 F. 19, -1, 1027 MCF, FTP 0 psig, FCP 1720 psig, 12/64, LP 121 psig, SP 0 psig, DP 0 psig, 24 hrs. FR for AFE #714307 to D&C.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

۲	U	к	M	

I	5. LEASE DESIGNATION AND SERVL NUMBER: UTU-44090A	
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill no drill horizontal la	7. UNIT or CA AGREEMENT NAME: LITTLE CANYON UNIT	
TYPE OF WELL     OIL WELL		8. WELL NAME and NUMBER:  LCU 6-3H
2. NAME OF OPERATOR:		9. API NUMBER:
XTO ENERGY INC.  3. ADDRESS OF OPERATOR:	[PHON	4304738380 NUMBER: 10. FIELD AND POOL, OR WLDCAT:
		5) 333-3100 NATURAL BUTTES MV/WSTCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1654' I	FNL & 2442' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: SENW 3 11S 20E S	STATE: UTAH
11. CHECK APPF	ROPRIATE BOXES TO INDICATE NATURE OF N	OTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE C	FACTION
NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUCT	= = = = = = = = = = = = = = = = = = = =
	CHANGE TO PREMOUS PLANS OPERATOR CHANG	_
[7]	CHANGE TUBING PLUG AND ABANDO	ON VENT OR FLARE  WATER DISPOSAL
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK	
Date of work completion:	CHANGE WELL STATUS PRODUCTION (STA	
9/29/2007		FERENT FORMATION
	OMPLETED OPERATIONS. Clearly show all pertinent details including	
Initial flow rate was 1100 l	the LCU 6-3H to Canyon Gas through the Little C $\!$	arryon CDF @ 12.50 pm, Saturday, 5/25/2001.
This well is flowing gas to	the sales line while awaiting final completion.	
V.II.2 VI.I.I.I.I.I.I.I.I.I.I.I.I.I.I.I.I.I.I.		
•		
<del></del>	$\wedge$	
NAME (PLEASE PRINT) HOLLY C	PERKINS ) TITLE R	EGULATORY COMPLIANCE TECH
(1)//lu	/	0/3/2007
SIGNATURE	DATE	

(This space for State use only)

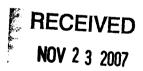
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**RECEIVED** OCT 1 1 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-44090A								
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:								
Do not use this form for proposals to drill ne drill horizontal la	ew wells, significantly deepen existing wells terals. Use APPLICATION FOR PERMIT T	below current bottom-hole de O DRILL form for such propos	pth, reenter plugged wells, or to sals.	7. UNIT OF CA AGREEMENT NAME: LITTLE CANYON UNIT					
1. TYPE OF WELL OIL WELL	GAS WELL 🗹 O	THER	· · · · · · · · · · · · · · · · · · ·	8. WELL NAME and NUMBER: LCU 6-3H					
2 NAME OF OPERATOR XTO ENERGY INC.				9. API NUMBER: 4304738380					
3. ADDRESS OF OPERATOR: 382 CR 3100	AZTEC STATE N	М <sub>де</sub> 87410	PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WLDCAT: NATURAL BUTTES					
4. LOCATION OF WELL  FOOTAGES AT SURFACE: 1654' FNL & 2442' FWL.  OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 3 11S 20E S  UTAH									
11. CHECK APPE	ROPRIATE BOXES TO IN	DICATE NATURE	OF NOTICE, REPO	ORT, OR OTHER DATA					
TYPE OF SUBMISSION		-	TYPE OF ACTION						
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE  ALTER CASING	DEEPEN FRACTUR	E TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL					
Approximate date work will start:	CASING REPAIR  CHANGE TO PREVIOUS PLANS		STRUCTION R CHANGE	TEMPORARILY ABANDON  TUBING REPAIR					
✓ SUBSEQUENT REPORT	CHANGE TUBING  CHANGE WELL NAME	PLUG ANI	O ABANDON CK	VENT OR FLARE WATER DISPOSAL					
(Submit Original Form Only)  Date of work completion:	CHANGE WELL STATUS  COMMINGLE PRODUCING FORM	- =	TION (START/RESUME)	WATER SHUT-OFF  OTHER: MONTHLY RPT					
11/15/2007	CONVERT WELL TYPE		ETE - DIFFERENT FORMATION	10/6/07 11/15/07					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.									

Monthly Report for 10/6/2007 to 11/15/2007 attached.



DIV. OF OIL, GAS & MINING

	Λ		on a winding
NAME (PLEASE PRINT) HOLAYC. PERK	ans/) [	TITLE	REGULATORY COMPLIANCE TECH
SIGNATURE HOLLY C.	Terkis	DATE	11/19/2007

(This space for State use only)

## Farmington Well Workover Report

LITTLE CANYON UNIT Well # 6-3H MV

Objective: Drill & Complete

First Report:

08/22/2007

AFE:

714307

10/11/07

Contd rpt for AFE #714307 to D & C. SICP 0 psig. MIRU Casedhole Solutions WLU. RIH & set CBP @ 5000' FS. POH & RDMO WLU. MIRU Temple WS #2. Bd well, ND frac vlv. NU BOP. TIH w/4-3/4" rock tooth bit, safety sub, BRS, SN & 152 jts of 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Tgd kill plg @ 5000'. Wasatch/MV perfs fr/5746' - 8649'. RU pwr swivel. SWI & SDFN. 1.414 BLWTR.

10/12/07

SITP 0 psig, SICP 0 psig. Estb circ & cont to TIH & DO top top kill plg @ 5000'. DO CFP'S w/well energy, @ 6050', 6740', 7270', & 7750'. Cont to TIH. Tgd fill @ 8612'. CO to PBTD @ 8695'. Pmp 20 bbl sweep, and circ well cln. LD 5 jts tbg. LD 259 jts, 4.7#, J-55, 8rd, EUE tbg on hgr w/EOT @ 8547', SN @ 8546'. Wasatch perfs fr/ 5746' - 7492'. MV perfs fr/8490' - 8649'. RIH w/1.901" tbg broach to 8545', POH & LD tls. ND BOP, drop ball & NU WH. Ppd tbg vol plus 10 bbls & ppd off bit. SICP 1500 psig, and tbg on a vac. SWI & SDFN. 1,452 BLWTR.

10/13/07

SITP 50 psig, SICP 1850 psig. Bd tbg, RU w/swb tls. BFL 1800' FS. S. 0 BO, 117 BLW, 20 runs, 9.5 hrs, FFL 900' FS & scatd. Well KO flwg to tst tnk. SICP 2000 psig. RD swb tls. Turn well over to production for sales. RD Temple WS #2. Wasatch perfs fr/ 5746' - 7492'. MV perfs fr/8490' - 8649'. 0 BLWTR (All LW returned during CO).

Swab

Zone:

MV/WSTC

<b>Event Desc:</b>	Swab		T	op Interval: 5,746	<b>Bottom Interval:</b> 8,649
	Swab	Beg	<b>BBLS</b>		
Time	Runs	$\underline{\mathbf{FL}}$	Rec	<b>Comments</b>	
7:30:00 AM	1	1,800	8	BFL @ 1,800`.	
12:30:00 PM	10	1,495	61		
1:00:00 PM	1	1,800	6	Light gas blow.	
1:30:00 PM	1	1,700	6		
2:00:00 PM	1	1,800	8	Gas pockets.	
3:00:00 PM	2	1,500	9		
4:30:00 PM	3	1,433	18		
5:00:00 PM	1	900	6	KO well flwg. FFL	@ 900`.
		Ttl Bbls:	122		

10/14/07 F. 20, 75, 515 MCF, FTP 1525 psig, SICP 1855 psig, 18/64, LP 137 psig, SP 0 psig, DP 0 psig, 16 hrs. Off cycle.

10/15/07 F. 17, 65, 1603 MCF, SITP 1650 psig, SICP 2005 psig, 18/64, LP 53 psig, SP 0 psig, DP 0 psig, 24 hrs. Off cycle.

- 10/16/07 F. 13, 81, 1060 MCF, FTP 1510 psig, SICP 1765 psig, 19/64, LP 145 psig, SP 0 psig, DP 0 psig, 24 hrs. FR for AFE #714307 to D&C.
- 10/18/07 MIRU PLS WLU. RIH w/ProTechnics GR tracer logging tls. Log well fr 8648' 5346'. POH & LD tls. RDMO WLU. RWTP. Wasatch perfs fr/5746' 7492'. MV perfs fr/8490' 8649'.
- 11/2/07 MIRU Craigs Roustabout Service. Fence rmvd 10/29/07. Pit reclaimed 11/01/07. RDMO Craigs R.S. Susp rpts pending further activity.

				RTMEN	T OF N	OF UT	L RESC						(hig	hlight	REPO	s)	F	ORM 8
		L	NVISI		r OIL	, GAS	AND	VIIIVIIIN	G 						4090		EKML NOW	DEK:
WEL	LCOM	PLET	ION	OR F	REC	OMPL	ETIC	N RI	EPOR	TAN	LOG		6. IF	INDIAN,	ALLOTTE	E OR TR	IBE NAME	,
1a. TYPE OF WELL	<del> </del>	OII W		]	GAS [	Z	DŖY		ОТНЕ	ER			7. UNIT OF CA AGREEMENT NAME  LITTLE CANYON UNIT					
b. TYPE OF WORK NEW WELL	C: HORIZ. LATS.	DE	EP-	1	RE- ENTRY	_	DIFF. RESVR.		отне	:R				CU 6	E and NU -3H	MBER:		
2. NAME OF OPERA	ATOR:		<u> </u>	-			T.COVII.		OTTIL					PI NUMB		<del></del>	<del>-1</del>	
3. ADDRESS OF OF									<del>- [:</del>	PHONE	NUMBER:				38380 POOL, C		CAT	
382 CR 310			TY AZ	TEC		STATE	NM	⊒r!.874	410	(50	5) 333-3	100			H/MS			
4. LOCATION OF W AT SURFACE:	1654' FN	NL & 24												PERIDIAI NW		N, TOWN	SHIP, RANG	3E,
AT TOP PRODU	CING INTERV	AL REPOR	RTED BEI	LOW:									12 (	COUNTY			13. STATE	
AT TOTAL DEPT					<u></u>								U	INTA	H			UTAH
14. DATE SPUDDEL 2/12/2007	D: 15	5. DATE T. <b>6/10/2</b>		HED:	l .	TE COMPL 29/2007		,	ABANDONE	:D 🔲	READY TO P	RODUC	E 🗾		VATIONS 975' G		B, RT, GL):	
18. TOTAL DEPTH:	MD 8,7	72		19. PLUG	BACK T	D.: MD TVD	8,770		20. IF M	ULTIPLE CO	OMPLETIONS,	HOW	IANY?*		TH BRIDO .UG SET:	GE MD		
22. TYPE ELECTRIC	C AND OTHER	RMECHAN	ICAL LO	GS RUN (	Submit co	opy of each	1)			23.	. 000500		امد	71 .		<b></b>		
GR/CCL/CB	iL							, į		WAS DST	L CORED? RUN? NAL SURVEY	?	NO NO NO	<u> 7</u>	YES   YES	(Sub	mit analysis) mit report) mit copy)	1
24. CASING AND L	NER RECOR	D (Report	all string	s set in w	ell)													
HOLE SIZE	SIZE/GRA	ADE .	WEIGHT		TOP	(MD)	вотто	M (MD)		EMENTER PTH	CEMENT TY NO. OF SA	PE & CKS	SLUF VOLUME		CEMEN	IT TOP **	AMOUN	IT PULLED
12 1/4"		J55	32							JRF	+	0						
7 7/8"	5 1/2' /	VOB	17	#		0		762			G	915		0 SURF 0			0	
						· · · · · · · · · · · · · · · · · · ·		<del></del>									+	
							4	mare modern										
							45 () - 2	. je										
25. TUBING RECOR	DEPTH S	SET (MD)	PACK	ER SET (	MD)	SIZE		DEPTH	SET (MD)	PACKE	R SET (MD)		SIZE		EPTH SE	T (MD)	PACKER	SET (MD)
- OILL	52,	,21 (1110)	17.01			0,21				17101121						. ()	77.01.21.	021(110)
26. PRODUCING IN	TERVALS										RATION REC							
FORMATION		TOP (	(MD)	BOTTO	OM (MD)	TOP	(TVD)	BOTTO	M (TVD)		L (Top/Bot - M	$\dot{-}$		NO. HOL			RATION STA	_
(A) MESAVE	RDE	<u> </u>				-				5,746	3,8	49	0.35"	234	Ope Ope		Squeezed Squeezed	=
(B)		<del> </del> -		<del> </del>	<del></del>	<del> </del>						$\dashv$	$\dashv$		Оре		Squeezed	
(C)		ļ., <u></u> -		-		<del> </del>			-			$\dashv$			Оре	<del></del>	Squeezed	<del></del>
28. ACID, FRACTUR	RE. TREATME	NT. CEME	NT SQU	I EEZE, ET	C.	<u>.l</u>		<u> </u>										
	INTERVAL		T					. 1	AMC	UNT AND T	YPE OF MATE	RIAL						
5746' - 8649																		
						m Wh							,	. <u> </u>			<u></u>	<del></del>
29. ENCLOSED AT	FACHMENTS:															30. WEL	L STATUS:	ŀ
=	RICAL/ <b>ME</b> CHA			CEMENT	VERIFIC	ATION		GEOLOG	IC REPORT		DST REPORT		DIRECT	TIONAL S	SURVEY		P	
(F/2000)		···						1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	NA DON B	VCK)					ı	REC	EIV	ED

(CONTINUED ON BACK)

(5/2000)

DEC 1 0 2007

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

**- ① MARKETT** 

					-	•				
DATE FIRST PR 9/29/2007		TEST DATE: 10/2/200	7	HOURS TESTED	D: 24	TEST PRODUCTION RATES: →	OIL – BBL: 11	GAS - MCF: 792	WATER - BBL: 200	PROD. METHOD: FLOWING
сноке size: 18/64	TBG. PRESS.	CSG PRESS. 1,800	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 11	GAS - MCF: 792	WATER - BBL: 200	INTERVAL STATUS
			-	INT	ERVAL B (As sho	wn in item #26)			•	
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTED	D:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS
	. <del></del>			INT	ERVAL C (As sho	wn in item #26)	<del> </del>			<u> </u>
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTED	<b>D</b> :	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD: METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS MCF:	WATER - BBL:	INTERVAL STATUS
		<del>!</del>	<u> </u>	INT	ERVAL D (As shor	wn In item #26)	<b>'</b>	1		<u> </u>
DATE FIRST PR	ODUCED	TEST DATE	=	HOURS TESTED	):	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL + BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS

TO BE SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

34. FORMATION (Log) MARKERS:

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recovenes.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth
				WSATCH TONGUE UTELAND LIMESTONE WASATCH CHAPITA WELLS UTELAND BUTTE MESAVERDE TOTAL DEPTH	3.312 3.652 3.798 4.672 5.835 6,602 8,721
			$a^{-\frac{1}{2}(1+\varepsilon)} = \frac{1}{4}$		

35. ADDITIONAL REMARKS (Include plugging procedure)

This well is flowing gas to the sales line while awaiting final completion.

36.	I hereby certify that	the f	fregoing and	l attached inf	grmation	is complete	and correct	t as determi	ned from a	II available	records.
-----	-----------------------	-------	--------------	----------------	----------	-------------	-------------	--------------	------------	--------------	----------

REGULATORY COMPLIANCE TECH

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- \* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

SIGNATURE

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

801-359-3940

**RECEIVED** DEC 1 0 2007

(5/2000)

	FORM 9  5.LEASE DESIGNATION AND SERIAL NUMBER:				
	DIVISION OF OIL, GAS, AND M	1111111	,	UTU-44090-A	
SUNDI	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deep ugged wells, or to drill horizontal laterals	en exist s. Use Al	ing wells below current PPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: LITTLE CANYON	
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: LCU 6-3H	
2. NAME OF OPERATOR: XTO ENERGY INC				9. API NUMBER: 43047383800000	
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8	37410 505 333-3159 E		HONE NUMBER:	9. FIELD and POOL or WILDCAT: HILL CREEK	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1654 FNL 2442 FWL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: SENW Section: 03	IP, RANGE, MERIDIAN: 3 Township: 11.0S Range: 20.0E Meridia	n: S		STATE: UTAH	
11.	CK APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPOR	T, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	☐ CHANGE WELL NAME	
Approximate date from this state.	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATION	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ F	RACTURE TREAT	☐ NEW CONSTRUCTION	
7/16/2009	OPERATOR CHANGE	☐ F	PLUG AND ABANDON	☐ PLUG BACK	
SPUD REPORT	☐ PRODUCTION START OR RESUME	_ F	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	☐ REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
	☐ TUBING REPAIR		/ENT OR FLARE	☐ WATER DISPOSAL	
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ s	SI TA STATUS EXTENSION	☐ APD EXTENSION	
	☐ WILDCAT WELL DETERMINATION	✓ 0	OTHER	OTHER: CO & PWOP	
XTO Energy Inc.,	performed a cleanout & put attached summary rep	this wort.	rell on pump per the	Accepted by the Utah Division of Oil, Gas and Mining RRECORD ONLY	
NAME (PLEASE PRINT) Dolena Johnson	<b>PHONE NUMB</b> 505 333-3164	ER	<b>TITLE</b> Regulatory Compliance Tech		
SIGNATURE N/A			<b>DATE</b> 10/12/2009		

### Little Canyon Unit 06-03H

	Section 03-11S-20E, Uintah, Utah, Roosevelt
	Objective: PWOP
7/7/2009	First rpt for CO/PWOP. MIRU DUCO WS rig #1. BD well. Ppd dwn csg w/40 bbls trtd 2% KCL wtr & KW. ND WH. NU BOP. Unland tbg hgr. TIH w/3 jts 2-3/8" tbg, tgd fill @ 8638'. TOH w/132 jts, 4.7#, J-55, EUE, 8rd tbg. EOT @ 4300'. SWI. SDFN due to rig mech BD.
7/8/2009	Ppd dwn csg w/50 bbls trtd 2% KCL wtr & KW. Contd TOH w/130 jts $2-3/8$ " $4.7$ #, J-55, EUE, 8rd tbg , $2-3/8$ " SN, & $1/2$ BRS. Found BHBS w/out SV in SN. Tbg showed v. v. lt external sc BU fr/8450' FS - EOT @ 8546'. Not enough for a smpl. TIH w/4-3/4" bit, $5-1/2$ " csg scr & 205 jts $2-3/8$ " tbg. EOT @ 7000'. SWI. SDFN.
7/9/2009	Contd TIH w/50 jts 2-3/8" tbg, tgd fill @ 8636'. RU pwr swvl & AFU. Estb circ. CO 12' fill fr/8636' - 8648'. Circ hole cln for 1hr. Ppd dwn tbg w/20 bbls trtd 2% KCL wtr & KW. (Hd, hd drlg). RD pwr swvl & AFU. TOH w/263 jts 2-3/8" tbg, 5-1/2" csg scr & 4-3/4" bit. LD tls. TIH w/4-3/4" shoe w/bmpr sub & 151 jts 2-3/8" tbg. EOT @ 5000'. SWI. SDFN.
7/10/2009	Ppd dwn tbg w/20 bbls trtd 2% KCL wtr & kld tbg. Contd TIH w/4-3/4" WO shoe, bmpr sub & 112 jts 2-3/8" tbg, tgd BRS @ 8648'. RU pwr swivel & AFU. Estb circ. CO 53' fill fr/8648' - 8701' (65' ttl). Circ hole cln for 1 hr. Ppd dwn tbg w/20 bbls trtd 2% KCL wtr & kld tbg. RD pwr swivel & AFU. TOH w/264 jts 2-3/8" tbg, bmpr sub & 4-3/4" wash over shoe. LD tls. No recy BRS. TIH w/2-3/8" mule shoe col, 5-1/2" SH TAC, 2-3/8" 4.7#, N-80, EUE, 8rd 4' perf sub, 2-3/8" SN & 121 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg. EOT @ 4000'. SWI. SDFWE.
7/13/2009	Ppd dwn tbg w/20 bbls trtd 2% KCL wtr & kld tbg. Contd TIH w/2-3/8" mule shoe col, 5-1/2" SH TAC, 2-3/8" 4.7#, N-80, EUE, 8rd 4' perf sub, 2-3/8" SN & 141 jts 2-3/8" 4.7# J-55, EUE, 8rd tbg (262 jts ttl). EOT @ 8650'. RU & RIH w/XTO 1.901 tbg broach to SN. No ti spots. POH & LD broach. Dropd SV & PT tbg to 1000 psig w/10 bbls trtd 2% KCL wtr, 5". Tstd gd. RU & RIH w/fishing tls on sd ln. Retrv SV. POH & LD fishing tl & SV. Set 5-1/2" SH TAC @ 8650' w/15 K tens. ND BOP. NU WH. RU & RIH w/swb tls. BFL @ 4000' FS. S.3 BO, 33 BLW, 8 runs, 4 hrs. FFL @ 4800' FS. Smlp taken. Blk gas cut wtr, ltl solids, (sd). ltl O. SWI. SDFN.
7/14/2009	RU & RIH w/swb tls. BFL @ 4200' FS. S, 0 B O, 12 BLW 3 runs, 1-1/2 hrs. FFL @ 4500' FS. Smpl taken. Blk gas cut wtr, ltl solids (sd), tr of O. Make decision to lower EOT 10'. Bd well. Ppd dwn csg w/50 bbls trtd 2% KCL wtr & KW. ND WH. Rlsd TAC & lwrd EOT, tried 3 times to reset TAC w/no success. NU BOP. TOH w/262 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg, 2-3/8" SN, 2-3/8" 4.7#. N-80, EUE, 8rd 4' perf tbg sub, 5-1/2" SH TAC & 2-3/8" mule shoe col. The 3 outer drag springs worn off TAC, (left springs in hole). Chng out 5-1/2" SH TAC. TIH w/2-3/8" mule shoe col, 5-1/2" SH TAC, 2-3/8" 4.7#, N-80, EUE, 8rd 4' perf tbg sub, 2-3/8" SN & 240 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. EOT @ 8000'. SWI. SDFN.
7/15/2009	Ppd dwn csg w/50 bbls trtd 2% KCL wtr & KW. Contd TIH w/21 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg, 1-2-3/8" x 10' 4.7#, N-80, EUE, 8rd tbg sub & 1 - jt 2-3/8" 4.7#. J-55, EUE, 8rd tbg. (262 jts ttl). EOT @ 8660'. RU & RIH w/XTO 1.901" tbg broach to SN. No ti spots. POH & LD broach. Set 5-1/2" SH TAC @ 8660' w/15 K tens. ND BOP. NU WH. RU & RIH w/swb tls. BFL @ 3500' FS. S. 3 BO, 80 BLW, 19 runs, 8-1/2 hrs. Smpl taken, blk gas cut wtr, v.v. ltl solids, tr of O. FFL @ 5100' FS. SWI. SDFN.
7/16/2009	RU & RIH w/swb tls, BFL @ 4000' FS. S, 0 BO, 9 BLW, 2 runs, 1 hr. Smpl taken, gray gas cut wtr, v.v. ltl solids, tr of O. FFL @ 4400' FS. PU & loaded new 2" x 1-1/4" x 16' x 19' RHBC pmp (XTO #187) w/1" x 6" sreened GAC. TIH w/pmp, 21# K shear tl, 1-3/4" x 4' rod stabilizer sub, 10 - 1-1/4" API sbs, 30 - 3/4" Norris 96 skr d w/" T " couplings, 5 molded guides per rod, 303 - 3/4" Norris 96 slicks skr d w/" T " coupling, 4 - 3/4" rod subs (8', 2, 2, 2) & 1-1/4" x 26' PR w/1.5 x 14' lnr. Seated pmp & SWO. PT tbg to 500 psig w/10 BW. LS pmp to 1000 psig w/rig. Gd PA. HWO. SWI. RDMO DUCO WS rig #1. Turn well over to facilities.

	FORM 9			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-44090-A	
SUNDI	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: LITTLE CANYON	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: LCU 6-3H	
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047383800000	
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8		ONE NUMBER:	9. FIELD and POOL or WILDCAT: HILL CREEK	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1654 FNL 2442 FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SENW Section: 03	IP, RANGE, MERIDIAN: Township: 11.0S Range: 20.0E Meridian:	S	STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	✓ ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME	
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
✓ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
7/15/2010	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK	
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL	
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION	
·	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: CLEANOUT	
12. DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show all per	tinent details including dates, depths, v	rolumes, etc.	
XTO Energy Inc.	has cleaned out & acidized this summary report.	s well per the attached  A  Oil  FOR	Accepted by the Utah Division of I, Gas and Mining RECORD ONLY	
NAME (PLEASE PRINT) Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	TITLE Regulatory Compliance Tech		
SIGNATURE N/A		<b>DATE</b> 7/20/2010		

#### **Little Canyon Unit 06-03H**

**7/6/2010:** MIRU 4CWS #5. Unhung rod strg. MIRU Hot oil trk. Attd to PT tbg w/no sucess. Hvy parrafin @ surf, flshd rods/tbg w/20 bbls htd wtr. Unseat pmp w/v.ltl restriction. TOH w/1-1/4"x 26' PR w/1-1/2" Inr, 4 - 7/8" pony rods (3-2' & 1-8'), 303 - 3/4" skr d, 3 - 3/4" skr d w/5 mold on guides per rod, 10 - 1-1/4" sbs, 1 - 3' x 7/8" rod cent, 26k shear tl & 2" x 1-1/4" x 16' x 19' RHBC pmp (XTO #187) w/8' x 1-1/4" GAC. Sctd rod wear fr/5,850' - 7,650'. Med sc BU on rods fr/4,800' - 6,850'. ND B-1 adpt. PU on prod tbg strg. Tbg was intact & 5-1/2" TAC was set. Drpd SV & att to PT tbg w/no success. Rlsd 5-1/2" TAC @ 8,656'. TOH & LD 1 it tbg. SWI & SDFN.

**7/7/2010:** Bd well. MIRU Scan-Tech. TOH, insp & LD J-55 prod tbg as follows: 1 jt 2-3/8" J-55 tbg, 10 x 2-3/8" tbg sub, 261 jts 2-3/8" J-55, 4.7#, EUE, 8rd tbg, 2-3/8" SN, 4' x 2-3/8" perf sub, 5-1/2" SH TAC & mule shoe col. Inspion found 110 YB jts, 94 BB jts & 58 RB jts. Found HIT in jt #210 FS @ 6,937'. Hvy sc BU on ext of tbg fr/7,106' - 7,402' & It sc BU fr/7,402'- 8,650'. Sc smpls tstd ac soluble @ surf. Add smpl sent in for anal. SWI & SDFN.

**7/8/2010:** Bd well. PU & TIH w/4-3/4" bit, 5-1/2" csg scr & 263 jts 2-3/8" L-80 4.7# EUE 8rd tbg. Lt restriction w/csg scr fr/7,143'- 7,174'. Tgd 16' of fill @ 8,682'. MIRU pwr swivel & AFU. Estb circion. CO fill to PBTD @ 8,698'. Circ cln & KW w/ 10 BW. RDMO pwr swvl & AFU. TOH w/25 jts tbg. EOT @ 7,872'. SWI & SDFN. Recd 210 BLW during CO.

**7/9/2010:** Bd & KW w/20 bbls 2% KCl wtr. TOH w/tbg. LD bit & csg scr. TIH w/5-1/2" RBP, 5-1/2" pkr & 172 jts 2-3/8" tbg. SD abv perfs. EOT @ 5,710'. Prep for A.trtmnt. SWI & SDFWE.

7/12/2010: Bd well. Contd to TIH w/ RBP, PKR & tbg. Set RBP @ 8,000' & pkr @ 7,958'. MIRU Frac-Tech. PT surf equip to 5000 psig. PT tbg & tls to 4000 psig w/21 BW, gd tst. Proceed w/5 stage A. trtmnt as follows: Stg #1. Isol MV perfs fr/8,490' - 8,649'. Trtd perfs w/600 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhib. Flshd w/34 bbls trtd wtr. Max trtg press 3,488 psig @ 1 BPM. ISIP 3,305 psig. 5" SIP 2,348'. Stg #2. Isol MV perfs fr/7,314' - 7,492'. Trtd perfs w/600 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhib. Flshd w/29 bbls trtd wtr. Max trtg press 3,290 psig @ 4 BPM. ISIP 1,824 psig. 5" SIP 0 psig. Stg #3. Isol MV perfs fr/7,034' - 7,174'. Trtd perfs w/600 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhib. Flshd w/28 bbls trtd wtr. Max trtg press 2,850 psig @ 4.7 BPM. ISIP 1050 psig. 5" SIP 0 psig. Stg #4. Isol WA perfs fr/6,436' - 6,495'. Trtd perfs w/600 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhib. Flshd w/26 bbls trtd wtr. Max trtg press 3,488 psig @ 2.3 BPM. ISIP 3,123 psig. 5" SIP 1,299 psig. #5. Isol WA perfs fr/5,746' - 5,760'. Trtd perfs w/600 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhib. Flshd w/23 bbls trtd wtr. Max trtg press 2,804 psig @ 4.2 BPM. ISIP 1,710 psig. 5" SIP 0 psig. RDMO Frac-Tech. Rlsd tls. TOH w/tbg. LD RBP & pkr. TIH w/5-1/2" TAC, BHA & 49 jts 2-3/8" tbg. EOT @ 1,638'. SWI & SDFN.

**7/13/2010:** Bd well. Contd TIH w/5-1/2" TAC, BHA & prod tbg. RU swb tls. RIH w/XTO's 1.90" tbg broach to SN, no ti spts. POH & LD broach. Set 5-1/2" TAC @ 8,658' w/15K ten. Ld prod tbg on hgr as follows: 262 jts 2-3/8", L-80, 4.7#, EUE 8rd tbg, 2-3/8" SN, 4'x 2-3/8" perf sub, 5-1/2" Tech-TAC w/carb slips & mule shoe col. SN @ 8,658', TAC/EOT @ 8,668', WA/MV perfs fr/5,746'- 8,649' & PBTD @ 8,698'. ND BOP. NU B-1 adpt. RU & RIH w/swb tls. BFL @ 4,800' FS. S. 0 BO, 62 BLW, fld smpls of blk wtr w/fn solids, PH @ 6, 10 runs, 4hrs. FFL @ 5,600' FS.SICP 180 psig. RD swb tls. SWI & SDFN.

**7/14/2010:** RU & RIH w/swb tls. BFL @ 5,700' FS. S. 0 BO, 89 BLW, fld smpls of blk wtr w/lt sedament, 89 runs, 8 hrs. PH @ 6. FFL @ 6,800' FS. Strg blow on tbg. SICP 410 psig. RD swb tls. SWI & SDFN.

**7/15/2010:** RU & RIH w/swb tls. BFL @ 5700' FS. S. 0 BO, 17 BLW, fld smpls of blk wtr w/v. It sedament, 3 runs, 2 hrs. PH @ 7. FFL @ 5900' FS. RD swb tls, RU rod tls. PU & loaded pmp @ surf. TIH w/modified prod rod strg as follows: 6"x 1-1/4" strnr nip, Nat.2"x1-1/4"x 16'x 19' RHBC pmp (XTO #289), 1 - 3' x 7/8", 26K shear tl, 1 - 3' x 7/8" rod cent, 10 - 1-1/4" sbs, 180 - 3/4" skr d w/5 mold on guides per rod, 44 - 3/4" skr d, 14 - 3/4" skr d w/5 mold on guides per rod, 95 - 3/4" skr d, 20' of 3/4" pony rods (2 - 2', 2 - 8') & 26'x 1-1/4" PR w/1-1/2" Inr. Seat pmp & PT tbg to 1000 psig w/22 BW, gd tst. Rlsd press. LS pmp w/rig to 500 psig. GPA. HWO. RDMO 4CWS #5. RWTP ppg @ 2 SPM x 120". Turned well over to prod dept., begin tst data.

**End of Report** 

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## **ENTITY ACTION FORM**

Operator:

XTO ENERGY INC.

Operator Account Number: N 2615

Address:

382 CR 3100

city AZTEC

state NM

zip 87410

Phone Number: (505) 333-3100

#### Well 1

API Number	AAGILI	lame QQ Sec Tw		Twp	Rng	County	
4304738380	LCU 6-3H		SENW	3	118	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	S	Spud Date		Entity Assignment Effective Date	
С	15939	14619	2/12/2007		12/1/2006 9/29/		

8/24/10

#### Well 2

API Number	Well Name LCU 10-3H		QQ NWSE	Sec 3	<b>Twp</b> 11S	Rng	County
4304738381						20E UINTAH	
Action Code	Current Entity Number	New Entity Number	Spud Date 6/3/2007		Entity Assignment Effective Date		
С	16157	14619			12/1/2006 4/4/3		
Comments: MVR	D = WSMVD		1				8/24/10

#### Well 3

API Number	Well Name LCU 16-3H		QQ SESE	Sec 3	<b>Twp</b> 11S	Rng	County
4304738382						20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
С	16105	14619	5/26/2007		_12/1/2006 5/3/3		
Comments:	-						

MVRD = WSMVD

- 8/24/10

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- **D** Re-assign well from one existing entity to a new entity
- **E** Other (Explain in 'comments' section)

BARBARA A. NICOL

Name (Please Print)

Signature

Title

REGULATORY COMP. TECH

8/18/2010

Date